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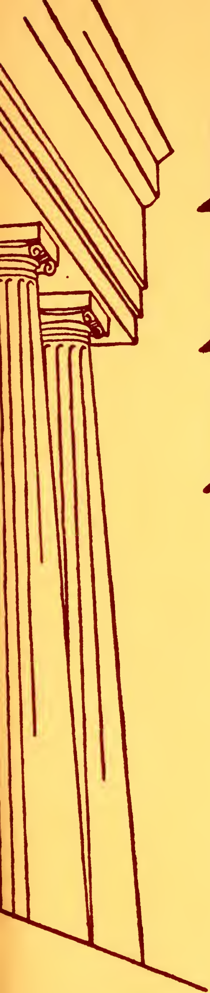

Fairmont State College Bulletin

GENERAL CATALOGUE

1953-55

1867

IMPORTANT NOTICES

CORRESPONDENCE: To avoid delay correspondence should be addressed as indicated below:

Admissions

For everything concerned with the admission of students, including requests for the college catalogue and other publications, academic credits, and information about fees, address

The Director of Admissions

Matters of General College Interest and Development, address

The President

Matters Concerning the Faculty, Curricula, Instruction, Summer Session, Evening and Extension Classes, address

The Dean of the College

Matters Concerning Guidance and Counseling, Student Employment, Placement, address

The Director of Student Personnel

Matters Concerning Housing for Women, Admission to the Dormitory, etc., address

The Dean of Women

Matters Concerning Housing for Men, Veterans' Affairs, Admission to Veterans' Housing Units, etc., address

The Dean of Men

Matters Concerning Student Accounts, Deferred Payments, Purchases, address

The Business Manager

Alumni Activities, address

The Alumni Secretary

CATALOGUE: Students are urged to secure **and to retain throughout the period of their enrollment** a copy of the annual catalogue for the year in which they entered. Unless changes beyond the control of Fairmont State College occur, or an unusually long period ensues between original enrollment and candidacy for graduation, students will be permitted to graduate under requirements prevailing at the time of entrance.

FAIRMONT
STATE COLLEGE

VOLUME LXXXV April 1, 1953 NUMBER 1

1867

GENERAL CATALOGUE

1953-1955

FAIRMONT, WEST VIRGINIA

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CALENDAR FOR 1953-54

1953

June 3, Wednesday	Registration for First Term, Summer Session
June 4, Thursday	First classes, Summer Session, 8:00 A. M.
June 10, Wednesday	Last enrollment day, First Summer Term
July 14, Tuesday	Final class sessions, First Summer Term
July 15, Wednesday	Registration for Second Summer Term
July 16, Thursday	First classes, Second Summer Term, 8:00 A. M.
July 22, Wednesday	Last enrollment day, Second Summer Term
July 25, Saturday	Extra class sessions, 8:00 A. M.
August 8, Saturday	Extra class sessions, 8:00 A. M.
August 21, Friday	Final class sessions, Second Summer Term
September 8-11, Tuesday through Friday	Orientation and registration of freshmen students
September 9, Wednesday	Registration of evening students, 6:00 P. M.
September 10, Thursday	Registration of freshmen students
September 11, Friday	Registration of all other students. Late registration fee after this date
September 14, Monday	First class meetings, 8:00 A. M.
September 16, Wednesday	First meetings, evening classes
September 18, Friday	Last enrollment day, First Semester Last day for schedule changes without fee
November 6, Friday	Last day for regular class withdrawal Midsemester reports due, 4:00 P. M.
November 25, Wednesday	Thanksgiving recess begins, 4:00 P. M.
November 30, Monday	Classes resume, 8:00 A. M.
December 7, Monday through December 11, Friday	Pre-registration, Second Semester
December 18, Friday	Christmas recess begins, 4:00 P. M.

1954

January 4, Monday	Classes resume, 8:00 A. M.
January 18, Monday through January 22, Friday	Final examinations
January 25, Monday	Registration for Second Semester. Late registration fee after this date
January 26, Tuesday	First classes, Second Semester, 8:00 A. M.
January 27, Wednesday	Registration for evening classes, 6:00 P. M.
February 3, Wednesday	First meetings, evening classes
February 5, Friday	Last enrollment day, Second Semester
March 26, Friday	Last day for regular class withdrawal Midsemester reports due, 4:00 P. M.
April 14, Wednesday	Easter recess begins, 10:00 P. M.
April 21, Wednesday	Classes resume, 8:00 A. M.
May 10, Monday, through May 14, Friday	Pre-registration for Summer Session and First Semester
May 24 Monday, through May 28, Friday	Final examinations, Second Semester
May 26, Wednesday	Final meetings, evening classes
May 28, Friday	Baccalaureate Services, 8:00 P. M.
May 29, Saturday	Commencement Exercises, 10:00 A. M.

CALENDAR FOR 1954-55

1954

May 31, Monday	Registration for First Term, Summer Session
June 1, Tuesday	First classes, Summer Session, 8:00 A. M.
June 7, Monday	Last enrollment day, First Summer Term
July 9, Friday	Final class sessions, First Summer Term
July 12, Monday	Registration for Second Summer Term
July 13, Tuesday	First classes, Second Summer Term, 8:00 A. M.
July 19, Monday	Last enrollment day, Second Summer Term
August 20, Friday	Final class sessions, Second Summer Term
September 7-10, Tuesday through Friday	Orientation and registration of freshmen students
September 8, Wednesday	Registration of evening students, 6:00 P. M.
September 9, Thursday	Registration of freshmen students
September 10, Friday	Registration of all other students. Late registration fee after this date
September 13, Monday	First class meetings, 8:00 A. M.
September 15, Wednesday	First meetings, evening classes
September 17, Friday	Last enrollment day, First Semester Last day for schedule changes without fee
November 5, Friday	Last day for regular class withdrawal Midsemester reports due, 4:00 P. M.
November 24, Wednesday	Thanksgiving recess begins, 4:00 P. M.
November 29, Monday	Classes resume, 8:00 A. M.
December 6, Monday, through December 10, Friday	Pre-registration, Second Semester
December 17, Friday	Christmas recess begins, 4:00 P. M.

1955

January 3, Monday	Classes resume, 8:00 A. M.
January 17, Monday, through January 21, Friday	Final examinations, First Semester
January 24, Monday	Registration for Second Semester. Late registration fee after this date
January 25, Tuesday	First classes, Second Semester, 8:00 A. M.
January 26, Wednesday	Registration for evening classes, 6:00 P. M.
February 2, Wednesday	First meetings, evening classes
February 4, Friday	Last enrollment day, Second Semester
March 25, Friday	Last day for regular class withdrawal Midsemester reports due, 4:00 P. M.
April 6, Wednesday	Easter recess begins, 10:00 P. M.
April 13, Wednesday	Classes resume, 8:00 A. M.
May 9, Monday, through May 13, Friday	Pre-registration for Summer Session and First Semester
May 23, Monday, through May 27, Friday	Final examinations, Second Semester
May 25, Wednesday	Final meetings, evening classes
May 27, Friday	Baccalaureate Services, 8:00 P. M.
May 28, Saturday	Commencement Exercises, 10:00 A. M.
May 31, Tuesday	Registration for Summer Session

FAIRMONT STATE COLLEGE

FAIRMONT, WEST VIRGINIA

ESTABLISHED 1867

WEST VIRGINIA BOARD OF EDUCATION

The State Board of Education has complete control over the educational, administrative, and fiscal policies of Fairmont State College. The personnel list of the present board follows:

	Term Expires
J. Kelvin Holliday, *President, Montgomery*	1960
Mrs. Thelma B. Loudin, *Vice President, Fairmont*	1955
Raymond Brewster, *Huntington*	1961
Lawrence R. Lynch, *Clarksburg*	1959
Lacy T. Rice, *Martinsburg*	1958
Robert D. Bailey, *Pineville*	1957
Charles A. Williamson, *Charleston*	1956
Ross H. Tuckwiller, *Lewisburg*	1954
W. H. Nelson, *Beckley*	1953
W. W. Trent, *State Superintendent of Free Schools, member ex officio, Charleston*	1957

H. K. Baer, *Secretary and Director of Teacher Training, Charleston.*

Erman E. Lester, *Administrative Assistant, Charleston.*

FAIRMONT STATE COLLEGE

The Administrative Staff

JOHN W. PENCE, A.M., *President.*

GEORGE R. HUNT, PH.D., *Dean of the College; Director, Summer and Evening Sessions.*

WAYNE S. MARTIN, ED.D., *Director of Student Personnel; Director of Extension.*

EGBERT E. MCWHORTER, M.B.A., *Business Manager.*

GEORGE H. TURLEY, A.M., *Dean of Men; Veterans' Coordinator; Director of Public Relations.*

WILFORD R. WILSON, A.M., *Director of Athletics.*

GILBERT G. FITES, JR., A.M., *Librarian.*

______________________, *Registrar and Director of Admissions.*

MARGARET ELLEN COPELAND, A.M., *Dean of Women.*

ROSALIE R. BAKER, A.M., *Assistant Librarian.*

MARY ALICE HUPP, A.B., *Assistant Librarian.*

EDITH MCCORD, A.B., *Food Director.*

ANNA HERNDON, *Head Resident, Morrow Hall.*

EDGAR L. WILLIAMS, JR., B.S., *Superintendent of Buildings and Grounds.*

HARRY C. FLEMING, M.D., *College Physician.*

MILDRED RADFORD, R.N., *College Nurse.*

Administrative Assistants

NELL PRICHARD CARSON, A.B., *Assistant to the Registrar.*

RUTH HAWKINS, A.B., *Cashier.*

ROSEMARY HESS, *Information Clerk and Switchboard Operator.*

AGATHA SWISHER ICE, A.B., *Clerk, Cashier's Office.*

EMILY A. LEAF, B.S., *Secretary to the President.*

BETTY I. LEMMONS, *Clerk, Registrar's Office.*

NANCY BAUGHMAN LUCAS, *Clerk, Bookstore.*

BURNELL LYNCH, *Clerk, Library.*

ARLEEN MCQUOWN, *Bookkeeper.*

ELIZABETH MEREDITH, *Stenographer.*

ANNE BLAIR MORGAN, A.B., *Manager, College Bookstore.*

BETTY POLEWAY, *Clerk, Registrar's Office.*

SARAH POLICE, *Stenographer, Library.*

MARY ELLEN RADEBAUGH, B.S., *Secretary, Office of Student Affairs.*

ELIZABETH SIMONS, *Secretary to Dean of the College and Registrar.*

KATHRYN E. SMITH, A.B., *Assistant Registrar.*

PATRICIA L. TENNANT, B.S., *Film Director, Library.*

Administrative Office Hours

Daily, except Saturday, 8:00 A. M. to 4:00 P. M.
Saturday, 8:00 A. M. to 12:00 A. M.

THE STAFF OF INSTRUCTION

Rosalie R. Baker, *Library Science* (1952)*
A.B., West Virginia University; B.S. in L.S., M.A. in L.S., George Peabody College

Anne M. Barry, *Physical Education* (1946)
A.B., Fairmont State College; M.S., West Virginia University

Hayden M. Carmichael, *Industrial Arts* (1948)
B.S. in Ed., Morehead State Teachers College; M.S.I.E., Stout Institute

Robert Leon Carroll, *Chairman, Physics* (1946)
A.B., Fairmont State College; M.S., Ph.D., West Virginia University

Edmund Collins, *Education* (1949)
A.B., A.M., West Virginia University; Ed.D., University of Pittsburgh

Margaret Ellen Copeland, *Guidance* (1952)
A.B., West Virginia University; M.Ed., University of Mississippi

Bessie K. Crystal, *History* (1929)
B.S., Kirksville State Teachers College; A.M., University of Missouri

Paul C. Davis, *Chairman, Recreation* (1949)
A.B., Glenville State College; A.M., Teachers College, Columbia University

Arthur Paul Davisson, *Chairman, Biology* (1943-44; 1947)
B.S., University of Kentucky; A.B., Fairmont State College; M.S., West Virginia University

Norma Hecker Donham, *Music* (1946)
Artists Diploma, West Virginia University

Harold S. Duvall, *Physical Education* (1952)
A.B., Fairmont State College; A.M., Teachers College, Columbia University

Charles N. Elliott, *Sociology and Social Science* (1952)
A.B., A.M., New Hampshire University

John Thomas Evans, *Chairman, Music* (1941)
A.B., Fairmont State College; Mus.B., Mus.M., West Virginia University

Gilbert G. Fites, Jr., *Chairman, Library Science* (1952)
B.S., Kent State University; A.M., University of Denver; M.S. in Educ., University of Indiana

Eleanor M. Ford, *Mathematics* (1946)
B.S., M.S., West Virginia University

Wayne Twinem Gray, *Chairman, Sociology and Social Science* (1951)
B.Sc., University of Nebraska; M.A., Ph.D., University of Wisconsin

Gertrude Hall, *Chairman, Home Economics* (1950)
A.B., Fairmont State College; A.M., Columbia University

Albert B. Halley, *German and Journalism* (1953)
A.B., Marshall College; A.M., Harvard University (English); A.M., University of Michigan (German)

Cleo D. Haught, *Chairman, Physical Science* (1925)
A.B., West Virginia Wesleyan College; A.M., Ohio State University

Melva Campbell Hess, *Home Economics* (1951)
A.B., Fairmont State College; B.S., West Virginia University

Boyd Davis Howard, *Chairman, Education* (1948)
A.B., Union College; A.M., Ed.D., University of Cincinnati

Marjorie Hunsinger, *Chairman, Office Administration* (1946)
A.B., Ohio Wesleyan University; A.M., Columbia University; Ph.D., University of Pittsburgh

George R. Hunt, *Chairman, Zoology and Health* (1931)
Ph.B., Denison University; A.M., West Virginia University; Ph.D., University of Pittsburgh

Edgar N. Jaynes, *Chairman, Business, Economics, and Retailing* (1947)
A.B., West Virginia University; M.B.A., Boston University

Cyril W. Johnson, *Chairman, Industrial Arts* (1947)
B.S., Stout Institute; A.M., Ohio State University

Regis J. Larkin, *Business Economics and Retailing* (1947)
B.S., M.Ed., University of Pittsburgh

Alton Forest Raymond Lawrence, *Chairman, Political Science* (1946)
A.B., Drake University; A.M., J.D., State University of Iowa

Charles A. Lindley, *Chairman, History* (1929)
A.B., Indiana University; A.M., Clark University; Ph.D., University of Pennsylvania

Keith E. Lucas, *Business, Economics, and Retailing* (1952)
B.E. in Ed., Northeast Missouri State Teachers College; M.A., M.B.A., University of Michigan

Pearl Sands McCarty, *English* (1946; 1952)
A.B., Fairmont State College; A.M., West Virginia University; Ed.D., University of Florida

Wayne S. Martin, *Education* (1950)
B.S., West Virginia University; M.S., Ed.D., Oregon State University

Richard A. Montague, *Music* (1952)
Mus.B., Syracuse University; Mus.M., University of Michigan

George E. Moore, *History* (1952)
A.B., Fairmont State College; A.M., West Virginia University

Ruth Ann Musick, *Mathematics* (1946)
B.S., Kirksville State Teachers College; M.S., Ph.D., State University of Iowa

Paul F. Opp, *English* (1923)
A.B., Mount Union College; A.M., Columbia University; Ped.D., University of Toronto

John W. Pence, *Geography* (1926)
A.B., A.M., Oberlin College

Woodrow Arthur Potesta, *Business, Economics, and Retailing* (1948)
B.S., L.L.B., West Virginia University

Mary B. Price, *Music* (1925)
Graduate, School of Music, West Virginia University; Music Supervisor's Diploma, Cornell University

Haddon S. Rhodes, *English* (1931)
A.B., Fairmont State College; A.M., West Virginia University

Lillian L. Rhodes, *Chairman, Art* (1951)
B.S., Longwood College; A.M., Teachers College, Columbia University

James Robert Ridgeway, *Biology,* (1951)
A.B., Fairmont State College

Charles Moore Roberts, *Chairman, Botany* (1926)
B.S., M.S., Pennsylvania State College

Fridtjof Schroder, *Art* (1947)
A.B., Luther College; A.M., University of Iowa; Minneapolis School of Art, Certificate, 1941

Herman Arthur Shutts, *Chairman, Mathematics* (1930)
A.B., Fairmont State College; A.M., West Virginia University

Marjorie Tate, *English* (1926)
B.S. in Ed., Central Missouri State Teachers College; A.M., George Peabody College for Teachers

John Martin Taylor, *Education* (1946)
A.B., Fairmont State College; A.M., West Virginia University; Ed.D., University of Colorado

Elizabeth Terry, *Chairman, Foreign Languages* (1941)
A.B., Marietta College; A.M., University of Wisconsin

George H. Turley, *Speech and Dramatics* (1941)
A.B., Fairmont State College; A.M., West Virginia University

Lawrence A. Wallman, *Chairman, Speech and Dramatics* (1929)
A.B., A.M., West Virginia University

Nelle E. Walters, *Chairman, Physical Education* (Women) (1947)
A.B., West Virginia University; A.M., Peabody College

George Ward, II, *Chairman, Philosophy and Psychology* (1953)
A.B., West Virginia University; A.M., Harvard University

Raleigh P. Ward, *Chairman, Chemistry* (1932)
A.B., M.Sc., Ph.D., Ohio State University

Kenneth G. Weihe, *Chairman, English* (1950)
B.S., Wooster College; A.M., Ph.D., Yale University

Lloyd W. Welden, Jr., *Speech and Dramtaics* (1952)
A.B., A.M., West Virginia University

Jerry J. West, *Speech and Dramatics* (1948)
A.B., Fairmont State College; A.M., West Virginia University

Margaret Leckie Wheat, *Education* (1950)
A.B., Marshall College; A.M., Northwestern University

Margaret Semanick Willard, *Education* (1949)
A.B., Fairmont State College; A.M., West Virginia University

Wilford R. Wilson, *Chairman, Physical Education* (Men) (1939)
A.B., Fairmont State College; A.M., Teachers College, Columbia University

Kenneth G. Wise, *Industrial Arts* (1948)
B. S., Ohio University; M. A., Ohio State University.

*The date in parenthesis indicates the year of initial appointment.

JAYENNE LABORATORY SCHOOL

Floyd O. Prunty, *Principal*
A.B., West Virginia Wesleyan College; A.M., West Virginia University

Geraldine Wildman, *First Grade*
A.B., Fairmont State College; A.M., West Virginia University

Ruth E. Oney, *Second Grade*
A.B., Fairmont State College; A.M., West Virginia University

Olene S. Crouser, *Third Grade*
A.B., Fairmont State College

Ruth Wilderman, *Fourth Grade*
A.B., Fairmont State College

Helen Janes Crowe, *Fifth Grade*
A.B., Fairmont State College

Jane Meyer, *Sixth Grade*
A.B., Fairmont State College

RETIRED STAFF MEMBERS

Jasper H. Colebank, *Physical Education*
A.B., Fairmont State College

Eva Day Compton, *Home Economics*
B.S., West Virginia University; A.M., Teachers College, Columbia University

Virginia Gaskill, *Home Economics*
Household Arts Diploma, Mechanics Institute; B.S., A.M., Columbia University

Mary Blanche Gibson, *Education*
A.B., West Virginia University; A.M., Teachers College, Columbia University

Frank Hall, *Education*
B.S., West Virginia University; A.M., Teachers College, Columbia University

Maud M. Hull, *Education*
A.B., West Virginia University; A.M., Teachers College, Columbia University

Ethel Ice, *German*
A.B., West Virginia University; A.M., Teachers College, Columbia University; Institute for Registrars, University of Kentucky

Laura F. Lewis, *English*
A.B., West Virginia University; A.M., Columbia University

E. L. Lively, *Sociology*
B.S., West Virginia University; A.M., Ohio State University

M. E. McCarty, *Mathematics*
A.B., A.M., University of Michigan

Mahala Dorcas Prichard, *History*
A.B., West Virginia University; A.M., Teachers College, Columbia University

Jean E. Richmond, *Home Economics*
A.B., University of Illinois; A.M., University of Iowa

Harold F. Rogers, *Chemistry*
A.B., West Virginia University; A.M., Harvard University

Francis Shreve, *Education*
A.B., West Virginia University; A.M., Ohio State University; Ph.D., George Peabody College for Teachers

Oliver Shurtleff, *English*
A.B., A.M., West Virginia University

Frank S. White, *Education*
A.B., University of Pittsburgh; A.M., George Peabody College for Teachers; Ph.D., University of Pittsburgh

FACULTY COMMITTEES*

Admissions and Credits
Athletics
Buildings
Commencement
Courtesy
Curriculum Development
Extension
Faculty Welfare
Grounds
Library
Planning
Program
Public Relations
Recreation
Registration
Review Committee on English Usage
Scholarship and Loan
Student Affairs
Teacher Training
Travel

---

* Committee personnel will be announced at the beginning of each academic year.

FACULTY ADVISERS*

Art	Miss Rhodes
Biology (See Science)	Mr. Davisson
Botany (See Science)	Mr. Roberts
Business, Economics, and Retailing	Mr. Jaynes
Chemistry (See Science)	Dr. Ward
Education	Dr. Howard
English	Dr. Weihe
French	Miss Terry
History	Dr. Lindley
Home Economics	Miss Hall
Industrial Arts	Mr. Johnson
Journalism	Mr. Halley
Mathematics and Engineering	Mr. Shutts
Music	Mr. Evans
Nursing Education	Dr. Hunt
Office Administration	Hunsinger
Philosophy & Psychology	Mr. Ward
Physical Education (Men)	Mr. Wilson
Physical Education (Women)	Miss Walters
Physics (See Science)	Dr. Carroll
Political Science & Pre-Law	Dr. Lawrence
Recreation	Mr. Davis
Science	
Biological Science—Teaching	Mr. Davisson
Biological Science—Non-teaching	Mr. Roberts
Physical Science—Teaching	Mr. Haught
Pre-medicine & pre-nursing	Dr. Hunt
Pre-professional—Dentistry, pharmacy	Mr. Haught
Sociology & Social Science	Dr. Gray
Spanish	Miss Terry
Speech & Dramatics	Mr. Wallman
Special Students	Dr. Martin
Unclassified Students	Mr. Rhodes
Zoology (See Science)	Dr. Hunt

*The adviser list is subject to change when necessary.

GENERAL INFORMATION

LOCATION

Fairmont State College, an institution of higher education for the young men and women of West Virginia, is located in Fairmont. As the county seat of Marion County and the center of the northern West Virginia coal industry, Fairmont is a thriving city of some 30,000 inhabitants. Being served by two railroads, several bus lines, and Highways 19, 31, 73, and 250, it is easily accessible from all points of the state. It is the operating headquarters and home of a number of large coal, utility, and manufacturing concerns. The city offers unusual cultural and economic advantages. It possesses excellent stores, several theatres, and numerous churches of all faiths. Community choral groups, a municipal symphony orchestra, and a Little Theatre organization provide excellent outlets for local talent. Students and faculty members of Fairmont State College are encouraged to take active parts in these various community activities.

PURPOSES AND AIMS

Fairmont State College is a four-year state college whose purpose is to serve its area and the state at large by offering such undergraduate curricula in general and vocational education as the West Virginia Board of Education may approve from time to time.

Under this broad directive, Fairmont State College offers curricula for the preparation of elementary and high school teachers and curricula leading to degrees in the liberal arts and sciences. Besides the courses terminating with the granting of degrees, Fairmont State College offers two-year curricula in several areas and two to three years of pre-professional training in a number of fields.

The evening classes and extension programs offered are designed to meet the needs of in-service teachers of the area and to provide local business and professional people opportunities for additional training in their particular fields.

In addition to its formal academic program, the College is interested in participating actively in worthwhile community projects. To that end it is the policy of the college administration to share with the community the cultural program and physical facilities of the College.

By providing a suitable environment, good equipment, and a well-trained staff, Fairmont State College aims to offer for its students training that should equip them with vocational and personal fitness for life, and to provide the community with a source of information and culture.

HISTORY

Founded as a private teacher training school in 1865, Fairmont became a normal school under state control in 1867. Housed originally in space provided by a local church, Fairmont State College has successively occupied sites at the head of Adams Street (Newspaper Building), at Second and Fairmont Avenues on the site of the present United States Post Office, and since 1917 in its present location.

Fairmont State College claims to be the oldest normal school south of the Mason and Dixon Line, and the earliest recipient of aid from the George Peabody Fund. Operated as a teacher training school with some academic work on the secondary school level, Fairmont's scope was widened in 1908 when teachers were permitted to qualify for certificates through normal school training as well as through examinations. In 1924, Fairmont granted its first bachelor's degrees in education on the basis of the completion of a four year college course. In 1931, the Legislature changed the name of Fairmont State Normal School to Fairmont State Teachers College. This title was again changed by the Legislature of 1943 to FAIRMONT STATE COLLEGE, and authorization was given to offer Bachelor of Arts and Bachelor of Science degrees. As a result of these developments, Fairmont is now authorized and equipped to offer a wider educational service to the people of West Virginia than ever before in its long history.

CAMPUS

The Fairmont State College Campus consists of approximately seventy acres with its principal frontage on Locust Avenue at the edge of the present city limits of Fairmont. On a commanding site overlooking much of the city of Fairmont, the college is readily accessible to all students by private car or public transportation.

BUILDINGS AND EQUIPMENT

Fairmont State College possesses an unusually modern and well-equipped physical plant.

Administration Building is the oldest and largest building on the campus. In addition to the administrative offices, it houses numerous classrooms, a cafeteria, the student lounge, the college bookstore, and other facilities. Centered by its famous "Columns", the Administration Building presents an impressive frontage to Locust Avenue one of Fairmont's busiest thoroughfares.

Auditorium facilities, capable of seating 500 persons are located in one wing of the Administration Building. Here dramatic productions, concerts, assemblies and other important campus activities are carried on.

Library Building. The new Library Building is a three story structure of steel, concrete, glass and brick. Functional rather than monumental in design, it emphasizes accessibility of books, attractive informal appearance, good lighting, accoustical treatment and mechanical ventilation. In addition to the usual library facilities and services, there is a typing room for the use of students, a number of individual study desks and carrels, music listening facilities, an art materials room, two seminar rooms and a moving picture screening room.

Located in new quarters, with additional facilities for serving student and faculty needs, the Library is now at the beginning of a new period of usefulness to the College. At the present time there are approximatly 34,000 volumes, exclusive of government documents, for which the Library is an approved depository. The Library receives many daily newspapers and more than 260 periodicals. It also operates a film rental service for the benefit of the several department and campus organizations.

Science Hall is a large light brick building housing the departments of Mathematics, Natural and Biological Science, Home Economics and Business Administration.

Colebank Gymnasium is one of the newer campus buildings. It contains two gymnasiums, one for men and one for women. It also contains a fine swimming pool, classrooms, lockers, showers, equipment and office rooms. It is constantly in use for the various activities of the Physical Education Department and of the campus generally.

Morrow Hall is the campus residence hall for women. It is designed to furnish attractive and homelike surroundings.

The Industrial Arts Building is a single story frame building with full basement. It is 195 feet long and contains a central section 75'x40', and two wings each 60'x25'. The building is so constructed that in the very near future it can be brick veneered to match the rest of the campus units. It is well designed to provide the necessary space for an integrated course in all phases of industrial arts work. A smaller unit of the quonset hut type is available, in an adjoining location, for additional offerings in the Industrial Arts field, including automotive instruction.

Music Practice Studio, situated to the rear of Colebank Gymnasium, provides studios and practice rooms for the Music Department.

The Field House situated on Rosier Field is equipped with dressing rooms, lockers and showers for visiting and local football and baseball teams.

Rosier Field, situated at the upper end of the campus, is one of the beauty spots of Fairmont. Space is provided for a large football field, practice fields, baseball diamond and parking space. A concrete stadium capable of seating 5,500 spectators is provided. Adjacent are six tennis courts.

President's Home, a ranch-type structure, brick construction, located on a knoll overlooking the main campus.

Veterans' housing units, eight in number, are located on the campus conveniently adjacent to classrooms, cafeteria, library, and gymnasium. These units provide quarters for 48, single men, 18 married men without children, and 6 married men with children.

New buildings, to be constructed on the campus, include a dormitory for men students and a building to house the maintenance services of the College.

ACADEMIC INFORMATION

ACCREDITING

Fairmont State College is fully accredited by the North Central Association of Colleges and Secondary Schools and the American Association of Colleges for Teacher Education, and is a member of the Association of American Colleges, the American Council on Education, and the National Commission on Accrediting. These affiliations guarantee to Fairmont State College graduates and students full recognition of their earned credits in other colleges and universities.

DEGREES

The degrees granted by Fairmont State College are Bachelor of Science, Bachelor of Arts and Bachelor of Arts in Education. For each degree 128 semester hours of credit are required. The number of quality points required for a degree may not be less than 256 and may be more, since each student must average two points for each semester hour attempted. This is to say that the quality point average is computed by using all courses entered on the student's permanent record card.

No student shall be awarded more than one baccalaureate degree, irrespective of the nature and number of courses he takes.

ADMISSION

Admission to Fairmont State College may be obtained in one of three ways:

1. By certificate of graduation and credit properly certified from an accredited high school.

2. By properly certified transcript of credit and statement of good standing from a standard college or university.

3. By examination.

These three methods are described in detail below:

Admission of High School Graduates. An applicant for admission by high school certificate should file with the Registrar an official statement of his credits, signed by the proper official of the school from which he comes. This certificate should come directly from the principal of the secondary school to the Registrar of the College. The Registrar will notify the applicant as to the acceptance of his credits.

Transfer Students: Students entering Fairmont State College from other colleges and universities must have sent to the Registrar an official transcript of credit and a statement of honorable dismissal from the institution last attended.

A transcript to be official must come direct from the institution issuing it and must bear the official seal of the institution, and the manual signature of the proper officials. The transcript should show the descriptive title of the courses, the year in which the work was done, the number of credits and the grade. A transcript when accepted becomes the permanent property of the college and will not be returned to the student.

Examination for Entrance: Veterans of World War II who have not graduated from high school will be given an opportunity to enter college on the basis of United States Armed Forces Institute General Educational Development tests.

Examination for Advanced Standing: Veterans of World War II, and Korean veterans may take General Educational Development tests on the college level for advanced standing.

No credit of collegiate grade will be allowed for work done in the former normal training schools, except as authorized by the West Virginia State Board of Education. By the action of the board five-eighths college credit may be allowed for such work up to a maximum of twenty (20) hours, provided credit was earned after graduation from high school.

Exceptions to the regulations on admissions:

1. A mature student who is twenty-one years old or older may enter Fairmont State College as a special student when he is deficient in entrance requirements, but he must meet these requirements before he can be granted a degree or be recommened for a teacher's certificate.

2. A student who lacks only one unit of credit for graduation from his high school may be granted admission to Fairmont State College with a condition of one unit and be permitted to work off the condition during his first year in college.

REGISTRATION

Prior to registration day an official transcript of credit will be filed in the Office of the Registrar for each incoming freshman and each transfer student.

All students are expected to complete registration on the days set aside for this purpose at the beginning of each semester or term. (See college calendar for dates.) Students who register after the dates specified, but within the lawful period for enrollments, will have a late registration fee of two dollars added to the regular fee.

Printed schedules of classes may be obtained from the Registrar's Office in advance of registration days. Registration cards for those students who have pre-registered will be held by the several advisers until the date set for the completion of registration; new students will receive registration cards at the times indicated in the college calendar.

Transfer students enrolling for the first time should see the Registrar before, enrolling.

Final registration is conducted on the main floor of the Administration Building during the hours from 8:30 to 12:00 Noon and from 1:00 to 3:00 P. M.

Pre-registration opportunities for students in residence will be given as indicated in the calendar. Students are expected to contact their advisers for pre-registration in these periods. This should be done if the student has any expecta tion of entering the ensuing semester. Students failing to pre-register will be liable for an extra fee of two dollars.

SEMESTER HOURS — DEFINITION

The semester hour is the basis of college credit within the institution. A semester hour is the credit received for taking a subject one hour per week for one semester or eighteen weeks.

Laboratory courses require two periods per week for eighteen weeks for each semester hour of credit.

GRADING SYSTEM

The following system of grading is used within the institution:

A—Superior, given only to students for exceptional performance.

B—Good, given for performance distinctly above the average in quality.

C—Average, given for performance of average quality.

D—Lowest passing grade, given for performance of poor quality.

F—Failure, signifies entirely unsatisfactory work. Course must be repeated if credit is to be received.

FIW—Failure because of irregular withdrawal. (See page 19.)

I—Incomplete, given to students who miss some of the last exercises of the clas work because of illness, or some other equally good reason. When the work missed is done satisfactorily the final grade may be any one of the four passing grades. If the deficiency represented by I is not made up within a year the grade I automatically becomes F.

WP—Withdrew Passing, from one class or from college.

WF—Withdrew Failing, from one class or from college.

QUALITY POINTS

The quality of a student's work is indicated by quality points.

Candidates for graduation must have at least twice as many quality points as semester hours to their credit, that is, a point-average of 2. on all college work.

Quality points for grades A, B, C, D, are computed as follows:
A—Four (4) quality points for each semester hour of credit.
B—Three (3) quality points for each semester hour of credit.
C—Two (2) quality points for each semester hour of credit.
D—One (1) quality point for each semester hour of credit.

A student's grade average is determined by dividing the number of his quality points by the number of credit hours he has scheduled. No quality points are attached to grades F, FIW, and WF, but the credit hours for the courses in which these grades are received will be used in computing his grade average.

CLASSIFICATION OF STUDENTS

Students who have completed not less than ninety-six hours of college work are classified as seniors.

Students who have completed not less than sixty-four hours and not more than ninety-six hours of college work are classified as juniors.

Students who have completed not less than thirty-two hours and not more than sixty-four hours of college work are classified as sophomores.

Students who have completed the high school or secondary course and not more than thirty-two hours of college work are classified as freshmen.

NUMBERING OF COURSES

Courses 100-199 are for freshmen. Courses 200-299 are for sophomores. Courses 300-399 are for juniors. Courses 400-499 are for seniors. With the approval of his adviser a student may enroll for a course on either the next higher or the next lower level.

ASSIGNMENTS AND CREDITS

1. Semester Load: A student who enters at the beginning of a semester may be assigned a sixteen or seventeen hour schedule, but not more, except by petition and permission from the Registrar. An adviser may not give permission for more than seventeen hours. Two laboratory hours shall count as one semester hour.

2. Registration Fees: A fee of two dollars will be charged students who enroll after the day set for regular registration as indicated in the college calendar. This fee applies to both day and night school students.

3. Schedule Changes: A fee of one dollar ($1.00) will be charged for late schedule changes. This fee is charged after the end of the second week of a semester for classes added or dropped from the student's schedule. During a summer term, the fee is payable after the first week of the term.

Students must petition the Committee on Admissions and Credits to make schedule changes after the third week of a semester or the second week of a summer term.

Students may not add new classes to their schedules after the period of registration has ended. An exception is made for classes which begin at mid term. Registration for these classes, however, must be completed before the classes start. A fee of $1.00 will be charged if this is not done.

4. Withdrawal from College: A student desiring to withdraw from the College will apply at the Registrar's Office. Here forms may be obtained which when completed with the proper signatures and returned to the Registrar's Office, will constitute an official withdrawal. The instructor records on the Final Report Class Cards to the Registrar, a "W" for students withdrawing during the first six weeks of a semester or two weeks of a summer term. In case the official drop notice is issued after one-third of the semester or term, the instructor will record either "WP" or "WF" at the end of the period of enrollment.

No withdrawals may be made from individual classes after mid-semester. If a student drops a part of his academic load after nine weeks of the semester or three weeks of the summer term, have elapsed, an "F" or "FIW" will be recorded for each course dropped. Where a student withdraws regularly from college after nine weeks of the semester or three weeks of the summer term have elapsed, the instructor will record a "WP" or "WF", as the case may be. Such grades will be used as a part of the student's record for the semester in determining his eligibility for enrollment the following semester.

A student who withdraws from the college without giving formal notice to the Registrar will receive at the end of the semester a grade of "FIW" in each subject for which he is registered.

5. Repeating a Course: With the approval of his academic adviser, a student may repeat a course in which he has received an "F", or a low grade. When this is done, both grades will be recorded and used in computing the student's point average.

6. Minimum Residence Requirements for Graduation: For each degree, at least one year's work in residence is required, one semester of which must be in the senior year. A "year of residence" must represent not less than thirty-two (32) weeks' work in residence with not less than thirty-two (32) hours credit. A semester is defined as a minimum of 18 weeks and 16 hours credit.

Exception is made in the case of any student who has completed three years of required work in Fairmont State College and who wishes to complete the senior year in some approved college of law, medicine or dentistry.

HONOR ROLL

Those students who are registered for twelve or more hours and who at the end of the semester receive grades averaging B or above are considered honor students and a list of such students constitutes what is known as the Honor Holl.

GRADUATION WITH HONOR

Candidates for graduation who have achieved special distinction in academic work are recognized at Commencement by having printed on their diplomas, first, second, or third honors as determined by quality points: Highest honor (3.75 and above); High honor (3.5 to 3.74); Honor (3.0 to 3.49). Honors at Commencement are based upon the entire scholastic record of the student, including the final grades of the second semester of the senior year.

TRANSCRIPTS

Every student at Fairmont State College is entitled to one official transcript of his record free; for each additional copy a fee of one dollar ($1.00) cash will be charged.

A student who defaults in the payment of any college dues or loans forfeits his right to claim a transcript.

An application for a transcript of credit should furnish the date of last attendance at Fairmont State College, and a married woman should give both her maiden and married names.

All requests for transcripts should be sent directly to the Registrar.

AUDITORS

Students who are registered in Fairmont State College may be permitted to attend classes as auditors provided they shall have obtained the written permission of their advisers and of the instructors in the classes they desire to visit. No person who enrolls in any class as an auditor may later in the same semester or term be considered as enrolled in this class for the purpose of obtaining credit, and in no case whatsoever will auditing be regarded as a factor in determining credit.

Students eligible to atend classes as auditors may obtain proper permission blanks from the Registrar. Other persons, not registered students, may attend classes as auditors upon securing permission from the Registrar and from the instructors involved, upon payment of a small fee. Auditors are required to complete the regular registration forms.

ABSENCES

Faculty members have responsibility for excusing or not excusing absences. Students have the responsibility of contacting individual faculty members about their absences. Failure of students to offer satisfactory explanations of absences may bring about a lowering of the class grade, or may lead to failure in the course.

REPORTS TO STUDENTS

The grades of all students are reported by each faculty member to the several student advisers as of the middle and end of each semester. Midsemester reports, unless there are special reasons, are not mailed to the student's home address. Final reports, prepared by the Registrar's Office, are mailed to the student's home address only when specifically requested.

SPECIAL EXAMINATIONS FOR COURSE CREDIT

Students may take special examinations to qualify for credit in certain courses. For further information as to the courses covered in this manner, students should contact the Registrar's Office. All tests are administered by the College Testing Service.

Application must be made to the Registrar for permission to take a special examination. To qualify for permission to take such an examination, an applicant must be enrolled or must have completed successfully one semester or summer session in Fairmont State College. The applicant must, in addition, establish eligibility in regard to his background in the area concerned. In order to gain college credit by special examination, the student must demonstrate better than average proficiency in the course. Examinations will not be given for courses in which the student has obtained a low grade previously.

Applicants must pay a fee of $3.00 for each special examination, if regularly enrolled at the time of taking the examination, otherwise the fee is $2.50 per semester hour of credit to be received. A receipt for the payment of the fee must be obtained from the Cashier's office. No money will be refunded if any examination is failed. No examination may be repeated.

PROBATION

A student who, in any semester, earns credit in less than two-thirds of his scheduled load and/or falls below a point average of 1.5 will be placed on probation for low scholarship.

DISMISSAL FOR LOW SCHOLARSHIP

No student is permitted to remain on probation for two consecutive semesters. If he does not earn credit on three-fourths of his scheduled load and a point-average of 1.7 in the semester in which he is on probation, he is automatically dropped from the college for low scholarship.

A student dropped for low scholarship may petition the Committee on Admissions and Credits for reinstatement after the lapse of two semesters and may be reinstated if the Committee is convinced of his ability and desire to do satisfactory work. If reinstated, the student must meet the regular scholastic regulations from that time on in all college work. These scholastic requirements are stated above.

For the purpose of handling probation problems, two six-week summer terms will be considered the equivalent of a semester.

COLLEGE CREDITS FOR MEN CALLED TO MILITARY SERVICE

The current State Board of Education regulation dealing with this subject provides: "That men called to the armed services of the United States be granted full return of fees, but no credit if the call comes within the first half of the term; that there be no return of fees, but full credit by courses to men called to the armed services of the United States if the call comes during the second half of the term; provided, however, that credit as described above will be granted only in those courses in which the student is maintaining a passing mark at the time of his departure to military service. In the recording of final grades, for half of a term or more, both passing and failing grades are to be shown on the student's permanent record card."

FEES*

All registration fees are payable on the day of registration.

Students leaving college should check with the Cashier's office to see if all fee payments have been adjusted. If all fees have been paid, those withdrawing before the end of the first week may obtain a refund of all refundable fees; (All fees which pertain to an entire period, that is, a semester or six week term, are considered refundable.) those withdrawing before the end of the second week may obtain a refund of three-fourths; those withdrawing before the end of the third week may obtain a refund of one-half; and those withdrawing before the end of the fourth week may obtain a refund of one-fourth. No part of the fees may be refunded in case of withdrawal after the end of the first four weeks of the regular session. Application for refunds must be made to the Cashier of the College at the time of the student's withdrawal.

If regular withdrawal becomes necessary in either summer term, one-half of the refundable fees will be refunded in the first week. No refunds are allowable after the first week.

All fees which pertain to an entire period, that is, a semester of six week term, are considered refundable.

REGISTRATION FEES

SEMESTER ENROLLMENT FEES

(8 Credit Hours and Above)

	W. Va. Residents**	Non-Residents**
State enrollment fee (Per semester)	$25.00	$100.00
Student activity fee (Per semester)	10.00	10.00
Course fee (Per semester)	3.00	3.00

SUMMER SESSION ENROLLMENT FEES

One term only	20.00	33.33
First and second terms	30.00***	66.66
Student activity fee (Payable one term only)	2.00	2.00
Course fee (Payable each term)	1.50	1.50

SCHEDULE OF PART-TIME ENROLLMENT FEES

	W. Va. Residents**	Non-Residents**
Regular Semester (less than 8 hours)		
For first credit hour	$ 5.00	$ 20.00
For second credit hour	3.00	12.00
For third credit hour	2.00	8.00
For fourth to eighth credit hour, per hour	3.00	12.00
Course fee 25c per credit hour—minimum	1.00	1.00
Summer Session (Less than 4 hours)		
For first credit hour	10.00	16.67
For second credit hour	6.00	10.00
For third credit hour	4.00	6.67
Course Fee (Minimum)	1.00	1.00
Extension classes (Per semester hour)	7.50	30.00
Auditing fee (Per course)	5.00	20.00

The $5.00 Auditing fee includes a Course fee of $3.00.

*If adjustments in the fees listed become necessary, announcement will be made in due course.

**Definition of residence from the minutes of the State Board of Education, March 13, 1936:

"The residence of a person under twenty-one years of age is fixed by the residence of his parents, bona fide guardian, or the parent with whom he makes his home."

Note: A person named as a guardian for the purpose of obviating this provision is not a bona fide guardian. A declaration of intended residence in the state of West Virginia shall not constitute citizenship within said state for the purpose of establishing residence under this provision.

"A resident student is one whose actual bona fide residence is within the State of West Virginia. A person who resides in another state and comes into West Virginia for the purpose of attending school, or for any other temporary purpose, must pay the tuition fee fixed for a non-resident student."

***In order to avail themselves of the $10.00 resident fee for the second term, students must have attended the first term.

SUMMER LABORATORY SCHOOL ENROLLMENT FEES

Elementary (Grade 1 through 6)	$ 3.00
Junior-Senior High School (Per credit hour) ($10.00 Maximum)	1.00

SPECIAL FEES

Late registration fee	$ 2.00
Fee for failure to pre-register (Resident students only)	2.00
Diploma fee	3.00
Fee for rental of cap and gown	1.00
Freshman orientation fee	1.50
Change of schedule fee (made later than dates set in calendar)	1.00
Transcript fee (First transcript is furnished free)	1.00
Special examinations for course credit (Regularly enrolled students)	3.00
Special examinations for course credit—Non-enrolled students, per credit hour	2.50
Rates for special students in Industrial Arts classes: IA 134N, 234N, 334N, 434N, 345N, 346N	12.00

STUDENT WELFARE

STUDENT PERSONNEL SERVICES

Fairmont State College maintains many services of great value to all students. With the aim of assisting each student to adjust to his school environment and gain the most from his college experience, a centrally organized student personnel program is provided by the Office of Student Affairs. The many services include: housing for men and women; freshman orientation; testing; counseling; remedial assistance in reading, study habits, and other fields where a need is apparent; guidance in social affairs and campus activities; placement services for graduating seniors; and, the provision of financial assistance to students through part-time employment and loan funds.

HOUSING FOR MEN

The college provides housing facilities for a limited number of single men in three veterans' housing units. There are also a limited number of facilities for married veterans in one-and two-bedroom apartments. These units are partially furnished. Preference is given to veterans in the veterans' housing units.

A file of other approved housing facilities for single and married men is maintained in the Office of Student Affairs. Reservations for rooms off the campus are not made by the college. Reservations for veterans' housing units are made at the Office of Student Affairs.

HOUSING FOR WOMEN

Morrow Hall is the residence hall for women students on the campus. It houses seventy-five women under a program of self-government, supervised by a trained house director. This is an attractive, well-equipped building providing pleasant social rooms, sleeping and study facilities, a laundry room, and a dining room where meals are provided for the residents.

A room deposit of $10 must be paid in advance to reserve a room in Morrow Hall. This deposit will be returned at the end of the semester or college year, less deductions for any damages to Morrow Hall property. Reservations should be made at an early date by writing to the Dean of Women.

During the regular eighteen week semester, rooms may be had at Morrow Hall for $45 or $54, the rent varying according to the desirability of the room and the number of girls sharing it. Rooms are not rented for less than a semester. Board at Morrow Hall is $162 a semester. Room and board charges are payable at the beginning of each semester. Checks should be made out to Fairmont State College.

Rooms are available at $15, $16.50, or $18 per six week summer term, with $54 a term charged for summer board.

Business conditions may require changes in the room and board rates stated above.

The following rules governing women's housing are in effect:

> All freshmen women who do not live at home are required to live at Morrow Hall, unless other arrangements are made with the Dean of Women.
>
> No upperclass women will be permitted to live in other quarters, except her own home, until Morrow Hall is fully occupied, or unless other arrangements are made with the Dean of Women.

If there are no vacancies in the dormitory and a student must live off campus, she must contact the Dean of Women before renting a room. A file of approved rooms for rent to women students is maintained in the Dean of Women's Office.

TESTING AND COUNSELING

The Office of Student Affairs provides a testing and counseling service designed to assist students in making more intelligent personal, academic, and vocational choices. Trained personnel is maintained to administer and interpret tests. For the most part students seek this service voluntarily. Special remedial assistance is available to students who are deficient in reading, vocabulary, and study habits.

PLACEMENT SERVICE

This service is available to all persons graduating from the college and to those who receive teaching certificates through its recommendation. All seniors are urged to register prior to graduation. Alumni, who hold degrees or certificates, are welcome to register. Assistance in placements in all fields of employment relative to occupational instruction furnished by Fairmont State College is offered. A job clinic of instruction on applying for jobs is provided.

FRESHMEN ORIENTATION

Freshmen and transfer students arrive on the campus in advance of the upperclass students. During a week's period they become acquainted with the campus, buildings, and equipment, student activities they will be joining, given tests which are for the purpose of assisting them in getting properly placed in their college courses and major fields of study. After scheduling classes in consultation with faculty advisers, they become formally registered for their first year of college work. Throughout the orientation period freshmen are assisted and guided by trained student counselors who are sympathetic with their special problems.

ADVISER SYSTEM

Each student is assigned an academic adviser at the time of his first enrollment in Fairmont State College. The student's academic adviser is the head, or a staff member, of the department in which the student has chosen his major field of study and will remain his adviser throughout his college career.

If the student desires to change his major field of study, he should contact the Student Personnel Director for assignment to the appropriate adviser. Students who are not ready upon entrance to select a major department will be assigned to special advisers by the Student Personnel Director.

It is to his academic adviser that a student will take all problems relating to course requirements, class schedules, pre-registration, and registration. Mid-semester grade reports are given out to students by their advisers.

GENERAL REGULATIONS

Fairmont State College expects its students to observe the standards of good citizenship both on and off the campus. Regulations of the State Board of Education empower the president and faculty to take such steps as may be needed to enforce these standards.

SCHOLARSHIPS, LOAN FUNDS AND OTHER STUDENT AID

A loan fund has been established at Fairmont State College to assist students in their educational programs.

Louise West Hite Loan Fund—In 1929, Mrs. R. M. Hite gave the college $1,000 to be used as a loan fund to help women students complete their course. The fund was named in honor of the donor.

Fairmont State College Student Loan Fund—This fund was established by the "Class of 1912" to issue loans to worthy students of the college.

Myrtle Rice Leonard Loan Fund—This fund was established from the Louise Leonard Estate for use as loans to worthy students needing small amounts of money to tide them over in emergencies.

American Association of University Women Loan Fund—This fund was established in 1951 for loans to college women.

GENERAL REGULATIONS

The maximum loan is $50.

The loan committee passes on all loan applications or renewals.

The rate of interest on loans is 4% per annum, with a minimum charge of twenty-five cents.

No loan will be made for a period of more than 30 days.

There may be one 30 day renewal without reduction of principal. After that time a reduction must be made on the principal.

OTHER FUNDS WHICH ARE AVAILABLE TO STUDENTS

Fairmont State College Scholarship Loan Fund of American Association of University Women—This fund is to be loaned to junior and senior college women who have good character records, an average of at least "B" for their first two years, and are able to give good security. The president of the College, the Dean of Women, and a member of the faculty who is a member of the Fairmont Branch of the American Association of University Women constitute the committee in charge of the fund.

Dramatic Scholarship Fund—This fund was established by a grant from the Woman's Club of Fairmont to be loaned to students especially interested in dramatics. The loan is to be used for tuition and is available each year to one man student and one woman student.

Applications for loans are made with the Dean of Women's Office, except the Dramatic Scholarship Fund. Application for this is made with the Chair- of the Speech and Dramatics Department.

WEST VIRGINIA BOARD OF EDUCATION SCHOLARSHIPS

The West Virginia Board of Education has authorized Fairmont State College to award five scholarships each year to students entering Elementary Education. These scholarships amount to the remission of all fees and tuition for four consecutive years.

Applicants for these scholarships shall be graduates from a West Virginia high school and must agree to teach at least four years in the elementary schools of West Virginia following graduation from Fairmont State College. Application blanks which include detailed instructions may be obtained from the Office of Student Affairs.

JESSIE BAYLES ICE SCHOLARSHIP

A scholarship of $50 a semester is awarded through the Dean of Women to an outstanding high school senior girl each year. Applications are made to the Dean of Women.

KIWANIS CLUB SCHOLARSHIP

The Fairmont Kiwanis Club offers to a student majoring in Journalism at Fairmont State College $100 per year. This student writes local news releases of the club meetings. Applications are made to the Department of Journalism.

PART-TIME EMPLOYMENT

Opportunities are provided for many students who seek financial assistance through part-time employment. A registry of part-time jobs, available both on and off campus, is maintained in the Office of Student Affairs. On the college campus, students find employment in clerical work, library work, assisting instructors, kitchen and dining room work, groundskeeping, and other similar activities. Opportunities to earn $75 per year is offered to qualified students as: Editor of THE COLUMNS (College newspaper), Business manager of THE COLUMNS, Editor of THE MOUND (college yearbook), and Business Manager of THE MOUND. Opportunities to earn $200 per semester is offered for the following positions: Assistant to Director of Public Relations, writing of news releases (to student majoring in Journalism); Director of Sports Publicity, preparation of sports news (to student majoring in Journalism). Applications are made in person to the Journalism Department

The Office of Student Affairs assists students in finding part-time employment off campus. Many students work in stores, factories, garages, filling stations, and private homes.

REGULATIONS FOR STUDENT AID AND OTHER EMPLOYMENT

1. Students employed on the student aid basis may not be employed ordinarily for more than seventy-five hours in any one month. In exceptional circumstances, and when approved by the Committee on Student Affairs, students may be employed to a maximum of ninety hours per month.

2. Students enrolled for more than six semester hours may not be employed by the College except on the student-aid basis.

3. Full-time employees of the College may not enroll for any academic work other than that obtainable outside of their regular work schedule.

4. The awarding of scholarships, student loans, and student employment, including assistance to athletes, is handled through the Office of Student Affairs. All employed students, including athletes, are required to give full and honest work for pay received.

SERVICE TO VETERANS

Fairmont State College is prepared to meet the needs of returning service men and women. The office of Veterans' Coordinator exists to assist veterans in their relationships with the United States Veterans Administration. The Coordinator is prepared to give information concerning the college and the educational and financial benefits offered by the Federal Government. He will also aid veterans in securing suitable housing arrangements either in the veterans' housing units maintained by the college or elsewhere. Veterans requests for information should be addressed to the Veteran's Coordinator at the college.

HEALTH SERVICE

All students entering Fairmont State College are required to have a health examination within two weeks after entrance. Appointments for this examination should be made with the Health Service at the time of registration. Failure to comply with the above regulations on the part of the student will result in credits being held in the office of the Registrar until regulations have been met.

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A certificate from the Health Service stating that the student has complied with the above regulation must be presented by the student to his supervisor in student teaching before he may be assigned to this training.

A physician and registered nurse are available to examine and advise students in matters pertaining to their health. On school days from eight until four o'clock, the college nurse may be found in her office in the Colebank Gymnasium for first aid and for the treatment of minor ailments of students and faculty.

FOOD SERVICE

The Morrow Hall Dining Room serves three meals per day, seven days per week, with varied and well-balanced menus.

Breakfast and lunch are available five days per week at the College Cafeteria, where good food is offered at reasonable prices.

Menus are carefully planned to provide attractive dishes and a well-balanced diet at reasonable cost.

THE STUDENT LOUNGE

The Student Lounge provides a popular meeting place for students in the space vacated by the library. Here is a beautiful ballroom for all dances and various student activities.

The Big Nickel, a non-profit student organization, operates a fountain and snack bar in the basement of the Administration Building.

BOOKS AND SUPPLIES

Textbooks and school supplies of all kinds are for sale at the College Bookstore, located in the Administration Building.

CAMPUS ACTIVITIES

STUDENT GOVERNMENT ORGANIZATIONS

The Student Government Organization is composed of all students regularly enrolled in Fairmont State College. All of its officers are students and all business is conducted by them. Through this organization student programs and many other activities are undertaken. A student activity fee is collected from all students. This fee covers the cost of student activities and entitles the student to attend all athletic contests, major dramatic productions, and other special programs.

STUDENT COUNCIL

The Student Council is the executive board of the Student Government Organization. It consists of the five student body officers, all class presidents, one member elected by the interfraternity council, one member elected by the honorary and professional organizations, one member elected by the non-fraternity group, and one faculty representative appointed by the President of Fairmont State College.

STUDENT AND FACULTY SOCIAL CABINET

The Student-Faculty Social Cabinet is composed of representatives of students and faculty under the chairmanship of the Vice President of the Student Council. The campus social program for the school year is arranged through this cabinet.

One of the principal assignments of the Student Council is to meet at the beginning of each semester to determine the allocation of the student activity funds among the various campus activities and organizations. The budgets prepared are then published so that all students may know for what purposes their fees are being used.

INTER-FRATERNITY COUNCIL

The Inter-Fraternity Council coordinates the activities of the Men's and Women's Panhellenic Associations.

CLASS ORGANIZATIONS

Organizations are set up for each of the several academic class groups. Each class elects its own officers and carries on such activities as the group concerned desires.

CLUBS AND HONORARY ORGANIZATIONS

Fairmont State College students have organized a number of clubs and honorary organizations for the promotion of interest in various subject matter fields, for the recognition of outstanding achievement in various campus activities, and for general social purposes. A list of the currently active organizations of this character follows:

Clubs

Fu-Se-Fa (Secretarial)
Future Teachers of America
Home Economics Club
Industrial Arts Club
Masquers Club (Dramatics)
Social Science Club
Splashers Club
Women's Recreation Association
In-and-Out Club
Newman Club
Debate Club
Wesley Foundation
Y. W. C. A.

Honoraries

Alpha Psi Omega (Dramatics)
Blazers (Senior Women's Honorary)
Kappa Delta Pi (Education)
Lambda Alpha Sigma (Lettermen)
Lambda Delta Lambda (Physical Science)
Pi Gamma Mu (Social Science)
Alpha Phi Gamma (Journalism)
Kappa Gamma (Oratory)
Pi Kappa Phi (Language)

SOCIAL ORGANIZATIONS

Fairmont State College students have organized and maintain a number of social fraternities and sororities. These organizations provide a medium for social activities and social training. They are regulated by the Men's and Women's Panhellenic Associations which strive toward high standards of scholarship and leadership among the groups and toward developing good college spirit. These organizations are listed below:

Fraternities

Kappa Sigma Kappa (National)
Sigma Tau Gamma (National)
Tau Beta Iota
Zeta Sigma

Sororities

Alpha Delta Chi
Delta Sigma Epsilon (National)
Gamma Chi Chi
Pi Kappa Sigma (National)
Sigma Sigma Sigma (National)

RELIGIOUS INTERESTS

Fairmont State College maintains a close relationship with the religious organizations of the city. Students are assisted in becoming allied with the church of their choice. The various churches in the city have active groups made up primarily of college students.

There are three religious organizations active on the campus. They are the Wesley Foundation, the Newman Club, and the Young Women's Christian Association.

PUBLICATIONS

The Columns is the student newspaper published semi-monthly throughout the regular college year with the exception of examination and vocation periods. The Publications Board, representing students and faculty, approves the selection of staff members from a list presented to the Board by the faculty adviser. Consideration is given to those students who have done acceptable work in Journalism or who have had practical experience on publications. The Columns is named for the eight stately columns at the front of the Administration Building. It is financed by student fees and advertising.

The Mound is published annually by the students. The administrative officers of the staff are approved by the Publications Board from a list presented to the Board by the faculty adviser. All phases of college life are depicted in the annual, largely by pictures. It was named from an historic spot on a former campus. It is financed by student fees and advertising.

The Student Handbook is compiled annually under the direction of the Student Council. It contains valuable information about Fairmont College and its varied student activities. It is of real service to new students.

View books and other promotion magazines are published at intervals by the college.

Bulletins, both daily and weekly, are posted on the bulletin boards prominently located in each building. These bulletins carry announcements of all student and faculty activities. Material for these bulletins should be left in Room 212-A. Students and faculty members should consult the bulletin boards daily for important announcements.

MUSIC ORGANIZATIONS

The Fairmont State College Band is a uniformed band of approximately fifty pieces. This organization is open to both men and women. Tryouts are held at various times throughout the year.

The Fairmont State College Orchestra is maintained for those students interested in this type of ensemble. Students who play orchestral instruments are urged to contact the orchestra director for entrance tryouts. The orchestra performs at plays and various other school activities where such an organization is desirable.

The Women's Choral Club is composed of a limited number of women selected, after tryouts, to make up this organization. The Club sings the best part songs for women's voices and presents programs for various occasions throughout the year. This is open to all women who can do part singing.

The Fairmont State College Choir is one of the popular musical organizations on the campus for men and women. The choir appears at assemblies, on the radio, and gives an annual spring concert. Open to all students with or without credit. Membership may be obtained by contacting the Music Director.

ORATORY

A stimulating and vital program in public speaking and oratory is encouraged both on a curricular and extra-curricular basis at Fairmont State College. Students make frequent appearances before churches and clubs, and speak on radio programs. An annual competition is held for the M. M. Neely Prize. (See contests.)

INTERCOLLEGIATE DEBATING—THE DEBATE CLUB

Fairmont State College provides a very active program in debating. The Debate Club gives interested students training and experience in the art of debating and several teams are organized each year to meet the teams of other colleges of the state, and some of the Fairmont teams have made extensive trips to participate in tournaments and speech festivals. Debating is especially valuable training for students interested in pre-law work, history, political science, business, economics, and current affairs. All students are encouraged to participate in this activity, and those participating successfully in contests are awarded the key of the national debate fraternity, Kappa Gamma.

DRAMATICS

Fairmont's dramatic department is known throughout the United States; for it was here there was organized in 1925 a national dramatic fraternity—namely, Alpha Psi Omega. Delta Psi Omega, junior college organization, and the Thespians, high school dramatic society, also had their inception at Fairmont State College.

At least two to four major plays are produced each year. Tryouts are open to all students and everyone has equal opportunity to participate in dramatic activities. The Masquers, a dramatic club, is one of the most active groups on the campus, and membership in it is based entirely on dramatic activity of the individual.

At least one children's play is produced each year and numerous one-act plays give new students ample opportunity to show their talents. Each year a one-act play is sent to the Dramatic Festival of the West Virginia Inter-Collegiate Speech Association held at one of the various colleges of the state.

ASSEMBLIES AND SPECIAL FEATURE PROGRAMS

The ten o'clock hour on Monday mornings is generally devoted to assemblies of students, faculty, and guests of the college. The schedule is flexible insofar as this hour is needed for meetings other than those to which the entire college community is invited to attend. In general the purpose of the assemblies is to provide occasions when common or special problems can be discussed, and when programs may be presented. These programs are planned for their educational or entertainment value and are given by students and outside groups under the management of a program committee composed of faculty members and representatives of the student body. The general chairman is a faculty member who acts as an expediter of the year's program schedule.

The program committee sponsors each year a number of programs of a cultural and intellectual nature for the benefit of the students and community. These programs, which are free to all who wish to attend, bring to the campus professional groups and individuals who are nationally known in music, art, drama, dance, and as lecturers. The budget is made up out of allotments from State and student funds, and is ample enough to afford some ten or a dozen outstanding performances in the fields mentioned.

A cooperative plan is in effect whereby interested students may attend the concerts of the Fairmont Community Concert Association.

CONTESTS

The Frank C. Haymond Constitutional Prize Contest

In order to encourage a greater interest in and appreciation of the U. S. Constitution, Judge Frank C. Haymond, '06, has established an annual prize of $25. This prize is awarded to any regularly enrolled student who submits the best paper relative to the general theme of "The Constitution." Papers are required to be from two thousand to thirty-five hundred words in length and are due on or before April 15 in each school year. Apply to the chairman of the Political Science Department.

The M. M. Neely Oration Contest

Each year the Honorable M. M. Neely offers an award of fifty dollars for excellence in oratory. This contest is open to all regularly enrolled students of the College. A faculty committee is in charge of this contest. Apply to the chairman of the Speech and Dramatics Department.

COLLEGE RADIO PROGRAM

"Campus Highlights," a weekly radio program, is produced by the radio department of Fairmont State College and has been a regular feature of Station WMMN for twenty-three years. These programs are, for the most part, student productions. All types of radio programs are presented during the regular school year. They provide a means of practical application of techniques studied in the several radio courses offered. Any student at Fairmont State College may audition for radio work. A modern, professional quality studio is located on the ground floor of the Administration Building. Many of the college programs originate from the studio. These facilities afford opportunities for students to do professional caliber radio work under proper supervision.

INTRAMURAL SPORTS

A regular program of intramural sports is sponsored for the benefit of all students. Teams, contests, and various activities are organized for competitive play among the various groups and organizations. The pool is open for intramural and recreational swimming at certain times. Such facilities as the conditioning room are open for individual and group participation. This is under the supervision of staff members who direct the overall program. Individual participation with selected equipment is in the offeing for those interested and concerned with their own development, and not the team element type.

The intramural program includes the following activities: speedball, touch football, tennis, volleyball, basketball, relays, softball, horseshoes, outdoor track, badminton, swimming, archery, and foul throwing.

The college curriculum realizes it must be designed to meet the educational needs of the integrated personality of the individual student; thus this type intramurals affords this opportunity.

As the demand for more activities develops, the facilities will be increased and the program broadened.

INTERCOLLEGIATE SPORTS

Fairmont State College sponsors an intercollegiate athletic program in football, basketball, baseball, golf, tennis, and track. There are unusually fine indoor and outdoor facilities and equipment for physical education and recreation. Every young man in college is free to participate in any one or more of the intercollegiate sports and in all recreational activities. The men making up the different teams are not a pre-selected group ..

ATHLETIC POLICY

The program of intercollegiate sports at Fairmont State College is supervised by a director of athletics who also serves as chairman of the Men's Physical Education Department. He is assisted in the planning of the program by an athletic committee of the general faculty, and he is assisted in the coaching by two full-time members of the physical education and recreation departments and by part-time coaches of tennis and golf drawn from other qualified members of the staff.

The general objectives of the intercollegiate sports program at Fairmont State College are to teach young men the values of sportsmanship, good physical conditioning, and the disciplinary and social values of organized team play. Specific values include the training afforded prospective coaches and physical education instructors through participation, and the possibilities of acquiring, to some extent, experiences and skills which may furnish recreational outlets following graduation.

In pursuance of the policies recommended by the North Central Association, the following minimum standards governing intercollegiate athletics are maintained.

1. The ultimate responsibility for the conduct of the athletic programs rests with the president.
2. The members of the coaching staff are regular members of the faculty and have the same professional status, qualifications, salaries, and tenure as other faculty members.

3. Students participating in athletics are admitted by the Director of Admissions on the same basis as other students. Athletes are required to maintain the same academic standards as non-athletes.

4. The award of scholarships, student loans, and student employment to an athlete is made through the same agency of the College and on the same basis, as grants of aid to all other students. *All* employed students are required to give full and honest work for pay received.

5. All athletic funds are handled by the Business Manager of the College. An audit of the receipts and disbursements of these funds is made annually by the auditors of the West Virginia Tax Commissioner for the benefit of the West Virginia Board of Education and other interested parties.

6. The College does not bring prospective athletes to the campus for tryouts, nor does it pay the expenses involved in college visitations by such persons.

7. An effort is made to compete only with colleges having similar educational and athletic policies.

8. Fairmont State College is a member of the West Virginia Intercollegiate Athletic Conference and athletic participation is regulated and controlled by the eligibility rules of the Conference. Copies of these rules are on file in the Office of the Director of Athletics.

AWARDS

At Recognition Day exercises, held near the close of each college year, awards are granted to students for outstanding achievements in various campus activities. Among these awards are the following: **Who's Who Among Students in American Universities and Colleges** is awarded to seniors and juniors who have contributed to the college in an outstanding manner. The biography of these students is printed annually. **Edna Earl Lowe Memorial Award,** in the amount of $20 is offered by the American Association of University Women each year to the most worthy graduating senior girl. This award is given in memory of Mrs. Lowe. **The Blazers** is an honorary organization for outstanding senior women who have academic standing as well as extra-curricular achievements. **Four Outstanding Seniors,** both men and women, are chosen by vote of the faculty each year. **Athletic letters and awards** are made for achievement in activities of this nature. Many other students are recognized for exceptional work in various departments of the college, including journalism, dramatics, and others.

ALUMNI

The Alumni Association of Fairmont State College is the official organization of all graduates and former students of the "old" Fairmont State Normal School, Fairmont State Teachers College, and Fairmont State College.

The history of the Alumni Association goes back almost to the founding of the college. A meeting was held on Commencement Day, June 27, 1873, at which time the twenty-nine graduates formed the Association.

Events of special interest to Alumni members include the Annual Dad's Day celebration held usually in the fall semester. The Homecoming celebration is held early in the spring. Other events are the reception that follows the spring Commencement ceremonies and an Open House held during the West Virginia Education Association convention.

Information concerning the Alumni Association may be had by writing to: The Secretary, Fairmont State College Alumni Association, Fairmont State College, Fairmont, West Virginia.

REQUIREMENTS FOR BACHELOR OF ARTS AND SCIENCE DEGREES

GENERAL INFORMATION

The requirements for the Bachelor of Arts and the Bachelor of Science degrees differ chiefly in the choice of major fields, although the selection of courses in these fields may also determine the degree to be earned. The degrees and the majors offered are as follows:

Bachelor of Arts Degree

- Art
- Economics
- English
- French
- History
- Home Economics
- Journalism
- Mathematics
- Music
- Philosophy and Psychology
- Political Science
- Social Science
- Sociology
- Spanish
- Speech and Dramatics

Bachelor of Science Degree

- Biology
- Business Administration
- Chemistry
- Home Economics
- Industrial Arts
- Mathematics
- Office Administration
- Physical Education
- Physics
- Recreation
- Retailing

Candidates for either of the two degrees listed above must have 128 semester hours of credit with a quality point average of 2.0, or better. The quality point average is computed by using all courses entered on the student's permanent record card.

Fifty hours of the requirements must be earned in courses numbered within the 300-499 levels. Believing in the principle of general education upon which to build a program of specialized training, the Faculty of Fairmont State College has set up the list of general requirements listed below. In addition each candidate must also have completed all requirements in one major field with an average of "C" or better. The selection of minor fields is optional. All requirements, in summary form, follow:

General Requirements	45 Sem. Hrs.
Major Subject	24-44 Sem. Hrs.
Electives	39-59 Sem. Hrs.
(18-24 hours may be used as a minor, if desired)	
Total required for graduation	128 Sem. Hrs.

All students who entered, or will enter, Fairmont State College after September, 1946, will be expected to follow the general requirements set forth in the catalogue of the year in which they entered. Exception is made for those students who entered in September, 1949. Such students are permitted to follow the general requirements listed in the 1950-51 catalogue.

Courses taken to satisfy the general requirements, or their equivalents, will be included in the major or minor. Thus, a major student in English could count the general requirements in Composition and Literature as part of his major work, and a major in Chemistry could count basic courses in that field and in the related field of Physics as meeting the general requirements in Physical Science.

Attention is also directed to the fact that many of the general requirements may be satisfied by passing successfully an examination covering their content.

Foreign language is not a general requirement. A number of departments however, require the completion of twelve (12) semester hours of foreign language, or its equivalent.

All graduating seniors seeking Bachelor of Arts and Bachelor of Science degrees are required to take the comprehensive Graduate Record Examination. This examination may be taken only after a student has completed successfully a minimum of 96 credit hours and a minimum of two-thirds of the hours required in the student's major field of study.

Students pursuing courses leading to the degrees of Bachelor of Arts and Bachelor of Science, who also meet state certification requirements in one or more teaching fields, including the required professional courses, will be recommended for first class teaching certificates in the areas in which they may be qualified.

It is the responsibility of candidates for degrees to know and meet the general requirements of the College and the specific requirements of their chosen curricula. It is the student's responsibility also to keep informed on his grade-point standing. All of this information may be obtained from the student's adviser or from the Registrar's office at any time.

It is expected that, in the changing of general and specific course requirements, a number of students will experience some difficulty in making the necessary adjustments. The Committee on Admissions and Credits has authority to make such adjustments in course requirements as may seem to deal justly with the situations presented.

GENERAL REQUIREMENTS*

(All Major Fields)

Areas of Study

	Specific Courses	**Hours Credit**
American History**#	330	3
Art#	255	2
English Composition***	102, 104	6
History or Social Science	111, 112	6
Library Science	101	1
Literature***	202, 204, or 341, 342	6
Music#	205	2
Physical Education	101, 111(W) 115, 116(M)	2
Psychology***	203 or 204	3
Science		6
Biological Science*** or	101, 102 or	
Physical Science***# x	201, 202 or 315, 316	
Social Science***#	201, 202	6
Speech	101	2
	Total	45

*In addition to the requirements listed herein, all students must take a standardized test in Arithmetic at the time of initial enrollment. Students failing the Arithmetic test must enroll for and pass Math. 203 or 205, or any other 2-4 hour Math. course

**Not required of students scheduling Hist. 207-208 or 408-409, or 320.

***May be satisfied by examination and credit will be allowed. Eng. 102c is required of students who fail the English placement test.

#Required of non-majors in the field. Majors will start in the basic courses of their major field immediately upon enrollment. In addition, Social Science majors will take at least one course in two related fields. Physical Science and Biological Science majors will take at least one course in one related field.

xStudents fulfilling their 6 hour Science requirement with Phy. Sci. 201-202 must also schedule Health 102.

SPECIFIC REQUIREMENTS IN ALL MAJOR FIELDS

ART

MAJOR		36 Sem. Hrs.
History of Art		10
255 History and Appreciation of Art	2	
278 Ancient and Medieval Art	3	
377 Italian and Northern Renaissance Art	3	
378 Nineteenth Century and Contemporary Art	3	
477 Seminar in Art History	2	
478 Survey of Mexican Art	3-6	
Studio Work (one major area in Art)		12
Ceramics and Sculpture		
283 Modeling and Sculpture	3	
284 Modeling and Sculpture	3	
383 Ceramics	3	
384 Ceramics	3	
483 Advanced Sculpture	2	
484 Advanced Sculpture	2	
Design		
141 Art Structure	2	
291 Commercial Design, I	3	
292 Commercial Design, II	3	
391 Fashion Illustration	3	
392 Textile Design	3	
491 Interior Design	3	
Drawing and Printmaking		
142 Drawing	2	
241 Drawing from Life	2	
242 Drawing and Painting from Life	3	
341 Lithography, I	2	
342 Lithography, II	2	
Painting		
361 Painting in Oil	3	
362 Painting in Oil	3	
363 Painting in Watercolor	3	
364 Painting in Watercolor	3	
365 Painting in Gouache	3	
461 Advanced Painting in Oil	3	
462 Advanced Painting in Oil	3	
463 Painting in Any Medium	3	
464 Mural Painting	3	
Studio Work (Selected from two major areas; see courses listed under Ceramics and Sculpture, Design, Drawing, and Printmaking, and Painting above).		14
MINOR IN ART		24 Sem. Hrs.
History of Art Courses (See Above)	4	
Studio Work Courses (See Above)	20	

BIOLOGY

Starting with the class entering Fairmont State College in September, 1953, the Bachelor of Science degrees in Botany and in Zoology will be discontinued and a Bachelor of Science in Biology offered in their stead. Candidates for this degree will be privileged to elect either Botany or Zoology as a field of concentration. A year of General Biology will be required as a prerequisite for all Botany and Zoology courses.

BIOLOGICAL SCIENCE		
Required Courses		
101, 102	General Biology	6 Sem. Hrs.

BOTANY MAJOR		32 Sem. Hrs.
Required Courses		
201, 202	General Botany	8 Sem. Hrs.
230	Systematic Botany	2-4 Sem. Hsr.
310	Plant Physiology	2-4 Sem. Hrs.
330	Field Botany	2-4 Sem. Hrs.
Electives		
To be selected from list of subjects under "Botany" in section "Courses of Instruction"		12-18 Sem. Hrs.

ZOOLOGY MAJOR		
Required Courses		24 Sem. Hrs.
315	Field Zoology and/or 322 Ornithology	4 Sem. Hrs.
320	Invertebrate Zoology	4 Sem. Hrs.
321	Vertebrate Zoology	4 Sem. Hrs.
350	Comparative Anatomy of Vertebrates	4 Sem. Hrs.
Electives		8 Sem. Hrs.
To be selected from list of subjects under "Zoology" in section "Courses of Instruction"		

BOTANY

(See Biology)

BUSINESS

MAJOR				39 Sem. Hrs.
Required Courses (All Curricula)				24
Bus.	102	Principles of Business	3	
	201, 202	Principles of Accounting	6	
	306, 307	Business Law	6	
Econ.	101	American Business & Industry	3	
	201, 202	Econ. Prin. and Problems	6	
Required Courses from Business, Economics and Retailing				15
(These courses must be selected from special curricula, in the above fields)				

Language. No requirement, but French, German or Spanish is desirable.

MINOR IN BUSINESS			18 Sem. Hrs.
Required Courses:	Bus.	102, 201, 202	9
	Econ.	101, 201, 202	9

CHEMISTRY

MAJOR 28 Sem. Hrs.

Courses Required

101, 102	General Chemistry	8
201	Qualitative Analysis	4
240, 241	Quantitative Analysis	8
301, 303	Organic Chemistry	8

Language (French or German) 12 Sem. Hrs.

Minor in Chemistry (Not Offered)

ECONOMICS

MAJOR 36 Sem. Hrs.

Required Courses

Econ.	101	American Business and Industry	3
	201, 202	Econ. Prin. and Prob.	6
	302	Economics of Labor	3
	303	Money, Credit and Banking	3
	402	Public Finance	3
	403	International Economics	3
	404	Comparative Econ. Systems	2
	405	Hist. of Econ. Thought	2
	407	Advanced Econ. Problems	2
Bus.	102	Prin. of Business	3
	401	Business Finance	3
Ret.	304	Marketing	3

Language, no requirement, but French, German or Spanish is desirable.

MINOR IN ECONOMICS 18 Sem. Hrs.

Required Courses

Econ. 101, 201, 202, 302 or 303	12
Bus. 401 or 402	3
Ret. 304	3

ENGLISH

MAJOR 36 Sem. Hrs.

Required Courses, Composition 12

102, 104 First Year Studies	6
208, 302, 321, 413 Advanced Studies	6

Required Courses, Literature 24

202, 204 Study, Appreciation Eng. & Amer. Lit.	6
351-352 or 361-362 Surveys	6
Electives, Literature. Group I. 207, 311, 312, 313, 314, 318, 341, 342, 418	6
Electives, Literature. Group II. 223, 315, 316, 317, 322, 324, 325, 328, 329,	6

Foreign Language

One, selected from French, Spanish, or German 12 Sem. Hrs.

MINOR 24 Sem. Hrs.

Required Courses, Composition 12
102, 104, 208, 302 (or 413), 321

Required Courses, Literature 6
202, 204, 341-342, 351-352, 361-362

Electives, Literature 6

Choice may be made in Group I or II as listed in the major.

FRENCH

In order to avoid repetition of the same material, the major and minor requirements in French are listed on page 55.

HISTORY

MAJOR (18 hours in American or European history; 12 in the other field of history).		30 Sem. Hrs.
Required Courses (American)		12-18
207, 208 A Survey of U. S. History, or 408, 409 Growth of the American Nation	6	
304, 306 Latin American History, or 315, 316 Early American History, or 317, 318 History of South and West	4-6	
462 Intro. to Mthds of Research	3	
Elective hours to complete requirement	3	
Required Courses (European)		12-18
111, 112 Development of Social Institutions, or 221, 222 Modern Europe	6	
307, 308 English History, or 421, 422ab Recent History of the East	4-5	
462 Intro. to Hist. Research	3	
Elective hours to complete requirement	3	
Language (French, German or Spanish)		12 Sem. Hrs.
Economics, Geography, Political Science and Sociology		12 Sem. Hrs.

MINOR IN HISTORY — 18 Sem. Hrs.

(12 in American or European History;
6 in the other fields of history).
American: 207, 208; electives.
European: 101, 102 or 221, 222; electives.

HOME ECONOMICS

MAJOR — AB Degree—35 Sem. Hrs.; BS Degree—39 Sem. Hrs.

Required	AB	BS
*101 Elementary Clothing	2	2
*102 Clothing Selection and Const.	3	3
*103 Principles of Clothing Selection	2	2
*201 Elementary Foods	3	3
*202 Advanced Foods	3	3
*210 Textiles	3	3
*303 Nutrition	3	3
312 Consumer Education	3	
*315 Home Management	3	3
*330 Home Planning and Furnishing	4	4
*330 Child Care and Development	2	2
340 Quantity Cookery		3
*351 Applied Design	2	2
403 Costume Design	2	
410 Advanced Textiles		3
414 Institutional Management		3
	35	39

Language (BS Degree): French, German, or Spanish — 6 Sem. Hrs.

HOME ECONOMICS AS A MINOR 25 Sem. Hrs.

Required Courses: 101, 102, 103, 201, 202,
210, 303, 315.

*The courses starred indicate courses required for state certification.

Recommended for BS degree, Bot. 324, Zool. 310, Chem. 201, 301.

INDUSTRIAL ARTS

(To avoid repetition of the same material, the full program for the Industrial Arts Department is listed on page 56.)

JOURNALISM

MAJOR 42 Sem. Hrs.

Required Courses

140 Introduction to Reporting	3
240 Advanced Reporting	3
302 Editing and Make-up	2
305 History of Journalism	3
312 Publication Problems	2
320 Advertising	3
412 Journalism Practice	2
470 Communication in Society	2
471 The Newspaper and Society	2
Economics 305	3
English 302, 304, 413	2
History 205	3
Political Science 206, 207, 302, 303	6
Spanish, French, or German	6

Additional suggested courses:

- Art 291, 292, 391
- Business 304, 306
- Office Adm. 101 (Typing)
- Philosophy 101, 210, 301
- Psychology 205
- Retailing 311
- Speech 234, 400

MINOR IN JOURNALISM

Required courses: 140, 240, 302, 305, 312, 320, 412 18

MATHEMATICS*

MAJOR** 37 Sem. Hrs.

Required Courses 31

121 Solid Geometry***	3
221 College Algebra	4
231 Plane Trigonometry	3
251 Analytical Geometry	4
311 Navigational Trigonometry	3
321 Differential Calculus	4
331 Integral Calculus	4
401 Differential Equations	3
431 Theory of Determinants and Analytics of Space	3

Additional Courses (6 hrs. should be selected) 6

341 Theory of Equations	3
351 Mathematics of Finance and Investment	3

361 Higher Algebra	3
405 Modern Geometry	3
411 Advanced Calculus	3
441 Projective Geometry	3

MINOR IN MATHEMATICS 30 Sem. Hrs.

Required Courses: 121, 221, 231, 251, 311, 321, 331, 341, 401.

*Bachelor of Science degree candidates in Mathematics should complete: (1) Minor in Physics by earning credit in Physics 101, 103, 310, 320, 321 or 420, 421. (2) Language: 12 hours French or German.

**2 units of Algebra and 1 unit of Plane Geometry are required of students undertaking a major in Mathematics. If a student cannot meet this requirement when he enters, he may meet it adequately by taking Math. I, Intermediate Algebra and Math. 111, Review Algebra. Plane Geometry may be made up in the Summer Laboratory School.

***3 semester hours may be deducted for Solid Geometry taken in high school.

MUSIC

MAJOR		40 Sem. Hrs.
Required Courses		12
Theory		
109-110 Theory	8	
209 Theory	4	
Applied Music		10
107-408 Piano	4	
141-442 Voice	2	
*275-492 Orchestral Instruments	4	
Appreciation		6
301 Appreciation	3	
313 History	3	
Conducting		4
345 Choral Conducting	2	
346 Instrumental Conducting	2	
Participation		8
167-468 Orchestra		
169-470 Band		
171-472 Women's Chorus		
173-474 College Choir		

MINOR IN MUSIC		26 Sem. Hrs.
Theory: 109-110	8	
Appreciation: 301	3	
Applied Music	8	
107-408 (Min. 3)		
141-442 (Min. 1)		
275-492 (Min. 3)		
Conducting: 345, 346	4	
Participation (See Courses Above)	3	

*Advanced work on a special orchestral instrument may be done to satisfy the 4 hours required in this group.

OFFICE ADMINISTRATION

MAJOR 30 Sem. Hrs.

Required Courses 30

101, 102	Beginning Typewriting (or equivalent)	4
211	Vocational Typewriting	2
201, 202	Beginning Shorthand (or equivalent)	8
301, 302	Advanced Shorthand and Transcription	8
311	Office Machines and Filing	2
401	Secretarial Practice	3
402	Cooperative Office Practice	3

Related Course Requirements

Bus. 201, 202	Principles of Accounting	6
Bus. 211	Business Correspondence	2
Bus. 306	Business Law	3
Bus. 308 or 309	Industrial Relations	3
Econ. 201, 202	Economic Principles and Problems	6
Econ. 302	Economics of Labor	3
Math. 141	Business Math	2

Recommended Courses

Bus.	220	Prin. of Advertising	3
	304	Marketing	3
Econ.	303	Money, Credit and Banking	3
Geog.	204	Economic Geography	3
Hist.	320	Social and Economic History	3

MINOR (No minor in Office Administration recommended).

PHILOSOPHY AND PSYCHOLOGY

MAJOR 30 Sem. Hrs.

Required Courses (Option in Philosophy)

203-204	Introduction to Philosophy	6
205	Introduction to Logic	2
301-302-303	History of Philosophy (3 terms)	6
322	Ethical Theory	3
330	Philosophy of Religion	3
**	Elective-Seminar 420 or 421	2
203-204	Introduction to Psychology	6
335	Psychology of Personality	3
		31

Required Courses (Option in Psychology):

203-204	General Psychology	6
205	Applied Psychology	3
335	Psychology of Personality	3
336	Abnormal Psychology	3
400	Psychometrics	2
402	Advanced Psychology Seminar	3
203-204	Introduction to Philosophy	6
**	Elective—two courses in Philosophy, at least one being 300 level	4
		30

**Elective courses may be equivalent numbered courses in religion

MINOR IN PSYCHOLOGY — 12 Hours.
Required courses: 203, 204, 205, 335.

MINOR IN PHILOSOPHY — 12 Hours.
Required Courses: 203, 204, two 300-400 courses in Philosophy or Religion.

PHYSICAL EDUCATION

(In order to avoid repetition of the same material, the major and minor requirements in Physical Education are listed on page 60.)

PHYSICS

MAJOR			28-30 Sem. Hrs.
Required Courses in Physics			28-30
101, 103	General Physics, *or*		
201, 211	Engineering Physics	8-10	
310, 311	Electricity and Electronics	8	
320, 321	Mechanics	6	
420, 421	Atomic Physics	6	
Required Courses in Mathematics			22
221	College Algebra	4	
231	Plane Trigonometry	3	
251	Analytic Geometry	4	
321	Differential Calculus	4	
331	Integral Calculus	4	
401	Differential Equations	3	

MINOR IN PHYSICS	22-24 Sem. Hrs.
Required Courses	
Physics 101, 103 or 210, 211; 310, 311; 320, 321 or 420, 421	
Mathematics: 221, 231, 251	11 Sem. Hrs.

POLITICAL SCIENCE

MAJOR (A)			31 Sem. Hrs.
Required Courses:			
101	Fundamentals of Political Science	3	
203	Comparative Government	3	
206	American State & Local Government	2	
207	American Municipal Government	2	
302	American Government	3	
303	Political Parties and Public Opinion	3	
*305	American Diplomacy	3	
307	History of Political Thought	3	
x309	The Growth and Development of Law	2	
x310	English Constitutional Law	2	
*406	International Problems	3	
407	The Legislative Process	2	
408	The Judiciary	2	
409	The Administrative Process	2	
462	Introduction to Methods of Research and Bibliography	3	
Language (German, French, or Latin)			12 Sem. Hrs.

MINOR — 19 Sem. Hrs.
Required Courses:
101; 203; 302; 307; 309; 206 or 207; 305 or 406

*Three hours should be selected from these courses.
x309 or 310 may be substituted for 408 or 409. Geography 305 may be considered as an acceptable substitution in certain cases.

MAJOR (B)

This course of study is designed to care for those students wishing to complete three years of academic work at Fairmont State College and then enter law school. If the general requirements for graduation are met in this period, the final group of hours required to make a total of 128 may be taken in a recognized law school.

*Required Courses	
101 Fundamentals of Political Science	3
203 Comparative Government	3
302 American Government	3
307 Hist. of Political Thought	3
309 Growth & Devel. of Law	2
310 English Constitutional Law	2
	16

*For a suggested outline of pre-law courses covering the first three years in this college, and including the above major courses, see page 66.

RECREATION*

MAJOR		34 Sem. Hrs.
Health		4
241 First Aid & Safety Ed.	2	
308 School Health Problems	2	
Theory (Recreation)		14
241 Intro. to Recreation	2	
*341 Workshop & Recreation Institutes	2	
*344 Recreational Leadership	1	
345 Practice Leadership	2	
346 Theory of Recreation	2	
*347 Leisure in the Modern World	2	
442 Camping & Youth Organizations	2	
443 Community & Industrial Recreation	3	
445 Org. & Adm. of Rec. & Playgrounds	3	
Sports in Recreation		10
Physical Education		
115 & 116 Freshmen Orientation	2	
131 or 231 Beg. or Inter. Swimming	1	
214 Leadership in Graded Games	2	
*237 Fundamentals of Tennis	1	
271 272 Team Sports Ind. & Dual Activities	4	
317 Stunts and Tumbling	1	
*331 Swimming Techniques and Life Saving	2	
*337 Advanced Tennis	1	
Recreation		
*324 Archery & Badminton	1	
336 Co-recreational Activities	2	
*339 Bowling	1	
Rhythms and Creative Arts		6
P. E. 325 Folk Dancing	1	
* 425 Children's Rhythms	1	
Rec. 126 Rhythmic Activities	1	
* 325 Square Dancing	1	
I. A. 314 Plastics & Crafts, I	2	
* 414 Plastics & Crafts, II	2	
*Speech 331 Children's Theatre	1	
Art 156 Creative Exp. in Applied Art	2	

MINOR 20 Sem. Hrs.

Recreation 126, 345, 346, 442, 443, 445	15
Physical Education 115, 116, 131	3
Health 241	2

*Courses marked with asterisk are electives.

RETAILING

MAJOR 42 Sem. Hrs.

Required Courses 18

Bus. 201 Principles of Accounting	3
Bus. 202 Principles of Accounting	
or	
Ret. 204 Retail Accounting	3
Econ. 201, 202 Econ. Prin. and Problems	6
Ret. 300 Principles of Retailing	3
Ret. 304 Principles of Marketing	3

Work Experience

A successful period of employment in the retail field is required of each student. Two methods are available:

(1) One-thousand clock hours, or the equivalent, in an acceptable position in the retail field.

(2) Five hundred clock hours of successful employment in retail position, 300 of which must be a supervised program.

Required Courses 24

The student and his adviser will select the courses thought best calculated to advance the educational and occupational interests of the student. This selection should be made early in the student's course.

Courses in other fields for which credit may be earned to apply on a retailing major:

			Credit
Bus.	306-307	Business Law	3-3
	308	Personnel Management	3
	312	Principles of Insurance	3
Econ.	302	Economics of Labor	3
	303	Money Credit and Banking	3
Jour.	320	Principles of Advertising	3

SOCIAL SCIENCE

MAJOR 30 Sem. Hrs.

Required Courses 12

111-112 Development of Social Institutions	6
201-202 Fundamental Social Problems	6

Elective Courses 18

The elective courses are to be chosen, six hours each from three of the following fields: History, Economics, Sociology, Political Science, Geography, Psychology, and Philosophy.

MINOR IN SOCIAL SCIENCE 18

Required Courses: Same as for major	12
Elective Courses: To be chosen from two of the fields listed above	6

SOCIOLOGY

MAJOR		24 Sem. Hrs.
Requirements		9
Soc. 210 Introduction to Sociology	3	
Soc. 320 Rural Sociology	3	
Soc. 330 Urban Sociology	3	
Electives		15
Fifteen hours chosen from the courses offered in the Sociology Department upon consultation with advisor.		
MINOR		
Requirements		9
Soc. 210, 320, and 330 as for a major.		
Electives		9
Nine hours selected from the courses offered in the Sociology Department.		

SPANISH

(In order to avoid repetition of the same material, the major and minor requirements in Spanish are listed on page 62.)

SPEECH AND DRAMATICS

(In order to avoid repetition of the same material, the major and minor requirements in Speech are listed on page 63.)

ZOOLOGY

(See Biology)

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE IN EDUCATION

INTRODUCTION

The Department of Education of Fairmont State College is responsible for providing prospective teachers with opportunities to develop those broad understandings and skills which are essential in the development of the educated citizen as well as the successful teacher. Fairmont's teacher education program seeks to achieve these objectives by proper emphasis on the following elements: general education, professional education, and specialized education.

The State Board of Education has adopted a program of general and professional education which is required of all students preparing for teaching. This progam includes 42 hours of required work, offered on the lower division level, that is, during the freshman and sophomore years. Under this program a student need not select the curriculum for his last two years of specialized and professional work until the beginning of his third year.

COURSES OF INSTRUCTION

Fairmont State College offers three curricula leading to the degree of Bachelor of Arts in Education. In addition, students completing Curriculum A will be entitled to a First Class High School Certificate; students completing Curriculum B to a First Class Elementary Certificate; and students completing Curriculum C to the Public School Certificate. Fairmont State College also offers all courses reguired for the issuance of certificates inferior to those of the first class level named above. Courses of study leading to non-academic permits and special certificates in Art, Music, Industrial Arts, and Physical Education are also available.

Prospective students, who have begun their academic work in an earlier period, and who now seek to qualify for a second or third class, or some other certificate, are urged to confer with the Chairman of the Department of Education, or Registrar, as to the most convenient way to attain the certification they may desire. The detailed outline of the several curricular requirements to be found in following sections is concerned primarily with the needs of students whose academic program began in September, 1949, or later.

It is the responsibility of candidates for a degree to know and to meet the general requirements of the College and the specific requirements of his chosen curriculum. It is the student's responsibility also to keep informed on his grade-point standing. All of this information may be obtained from the student's adviser or from the Registrar's office at any time.

Students not now interested in a four-year teacher education program may arrange a schedule of study which will prepare them to meet certification requirements at some later date. Such students should consult with the Chairman of the Department of Education.

STUDENT TEACHING

Student teaching is required in all curricula. At the present time, elementary school training is provided at Jayenne School and in other local elementary schools. Secondary training is given in connection with local Marion County junior and senior high schools. All student teaching is under the joint direction of Fairmont State College and the Marion County Board of Education.

Eligibility for student teaching is determined by the ability of the student to meet the following requirements:

1. Minimum earned credits in academic and professional courses as follows:
    a. For enrollment in Ed. 250, 32 semester hours including 6 hours in education courses.
    b. For enrollment in Ed. 420, 425, 450, 90 semester hours including 12 hours in education courses.
    c. For enrollment in Ed. 450, an additional requirement that three-fourths of the required work in each teaching field shall have been completed.
2. An average of not less than "C".
    a. On all credits to be counted toward graduation.
    b. On all credits in areas of concentration or teaching fields.
    c. On all credits earned in the department of education.
3. A statement from the college health department showing that regulations for a health examination have been complied with.
4. A permit from the students' adviser showing semester hours and quality points earned. This permit must be countersigned by the Registrar.

All students seeking degrees under Curricula A, B, and C will be required to complete a total of six hours in student teaching. Assignments for student teaching work will involve a half day of time daily over the course of an entire semester.

TEACHER EXAMINATION

Graduating seniors, who expect to be recommended for a first class teaching certificate, are required to take the National Teacher Examination. This is a comprehensive examination designed to serve the purpose of self-analysis for the student as to aptitude for teaching, and as a means of indicating weaknesses in the student's preparation for teaching which may be improved in the period remaining before graduation. This examination may be taken only after the student has completed successfully a minimum of 96 credit hours, 12 hours in the field of professional education, including educational psychology or its equivalent, and two-thirds of the hours required in the student's major teaching field or fields.

ADJUSTMENTS

Students who began their work in September, 1949, or later, will be expected to meet the requirements in general and professional education listed below. Students who have begun their work previously may follow the program of general requirements under which they have been proceeding.

In view of changing requirements, there may be some need for adjustments to be made in the individual students' program. The Committee on Admissions and Credits may make such adjustments as may seem to meet fairly the several situations involved.

SUMMARY OF CURRICULA REQUIREMENTS

Candidates for the degree of Bachelor of Arts in Education must have 128 semester hours of credit with a quality point average of 2.0, or better. Forty-five hours of the requirement must be earned in courses numbered within the 300-400 levels. In addition requirements in one or more curricula must be completed.

GENERAL REQUIREMENTS

(All Curricula)

Areas of Study	Specific Courses			Credit Hours
	Cur. A	Cur. B	Cur. C	
Art	255	155, 156, 255	155, 156, 255	2-6
English Composition#*	102, 104, 208	102, 104, 208	102, 104, 208	9
Geography		305	305	3
Health		308	308	2
History x	330	302, 330	302, 330	3-6
Library Science	101	101	101	1
Literature#	202, 204	202, 204, 207	202, 204, 207	6-9
Mathematics**#		203 or 205	205	2-4
Music	205	101, 102, 205	101, 102, 205	2-6
Physical Education	101, 111 (W)	101, 111 (W)	101, 111 (W)	2-6
	115, 116 (M)	115, 116 (M)	115, 116 (M)	
		214	126, 314, El. (1)	
Science#				6-12
Biological Sci.	101, 102, or	101, 102, or	101, 102, or	
Physical Science z	201, 202 or	201, 202 or	201, 202, or	
	315, 316	315, 316	315, 316	
Social Science#				12
Hist. or Soc. Sci	111, 112	111, 112	111, 112	
	201, 202	201, 202	201, 202	
			Total	43-76

* Eng. 102c is required of students who fail the English placement test.

** Students failing the standardized arithmetic test given the time of enrollment must enroll for and earn credit in Math. 203 or 205, or any other 2-4 hour Mathematics course.

May be satisfied by examination and credit will be allowed.

x Hist. 330 is not required of students scheduling Hist. 207-208 or 408-409 or 320.

z Students scheduling Phy. Sci. 201-202 only must also schedule Health 102.

PROFESSIONAL REQUIREMENTS

(All Curricula)

Subjects*	Specific Courses			Credit Hours
	Cur. A	Cur. B.	Cur. C	
Human Growth and Development	202, 203	202, 203	202, 203	6
Prin. & Methods of Tchg,				
Elementary School		226, 336	226, 422	6
Secondary School	432			4
Human Adjustment	325	325	325	3
Survey of Guidance	395			2
Tests & Measurements	306, or		306, or	2
Tech. of Diagnostic Reading	341	341	341	2
Directed Teaching**	450	250, 420	250, 425	6

* In order to meet the needs of teachers-in-service, it may be necessary to offer certain courses in addition to those listed above.

** Students in Curriculum A must complete their directed teaching work on the junior or senior high school level in the field or fields selected for concentration, with not less than two hours in any one field, but preferably a 3-3 ratio.

Students in Curriculum B must include directed teaching in the primary and intermediate or primary and upper grade levels.

Students in Curriculum C must complete work in directed teaching on two elementary levels and on the secondary level in both fields, if two are offered for graduation.

If students completed Ed. 250 in the Third Class Elementary Curriculum, they should enroll for Ed. 420, 3 hrs., in Curriculum B, or Ed. 425, 3 hrs., Curriculum C; otherwise they should enroll in Ed. 420 or 425 for 6 hrs. credit.

CURRICULUM A

1. Curriculum A is planned for the students who wish to prepare for teaching in the junior and senior high schools of West Virginia. This curriculum includes the following:

General education courses	43 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Teaching field or fields	62 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education courses total 43 semester hours and include the following:

Art 255	2
Biology 101, 102 or Phy. Sci. 201, 202 or 315, 316	6
English (Comp), 102, 104, 208	9
English (Lit), 202, 204	6
History 330	3
Library Science 101	1
Music 205	2
Physical Education 101, 111 (W); 115, 116 (M)	2
Social Science Hist. 111-112 or Soc. Sci. 111-112 (6) Social Science 201-202 (6)	12
Total	43

3. Professional courses include 23 semester hours as a minimum; 24 as the maximum acceptable. These courses are:

Ed. 202, 203	6
Ed. 306 or 341	2
Ed. 325	3
Ed. 395	2
Ed. 432	4
Ed. 450	6
Total	23

4. Students must complete all requirements in at least one teaching field, and it is strongly recommended, when at all possible, that a second field also be completed. While the number of hours in the several teaching fields offered by Fairmont State College are usually somewhat higher than the minimum hours required for state certification, a second field may be completed by scheduling only the minimum number of hours. Teaching fields are now available as follows:

Art
Biological Science
Biological and General Science
Business Principles and Distributive Education
Commerce—Business Principles
Commerce—Occupational (Office Administration)
English
French
Home Economics
Industrial Arts
Mathematics
Music
Physical Education
Physical Science
Physical and General Science
Social Science
Spanish
Speech

CURRICULUM B

1. Curriculum B has been organized for those students who wish to prepare for teaching in the elementary schools of West Virginia. This curriculum contains the following:

General education and other required courses	72 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Specialized courses and electives	33 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education and other courses required in this curriculum total 72 semester hours and include the following:

Art 155, 156, 255	6	Mathematics 203	2
Biology 101, 102	6	Music 101, 102, 205	6
English (Comp), 102, 104, 208	9	Physical Education 101, 111 (W); 115, 116 (M); 214	4
English (Lit), 202, 204, 207	9		
Geography 305	3	Physical Science 201, 202 or 315, 316	6
Health 308	2		
History 302, 330	6	Social Science	12
Library Science 101	1	Hist. 111-112 or Soc. Sci 111-112 (6)	
		Soc. Sci. 201, 202 (6)	
		Total	72

3. Professional courses include 23 semester hours as a minimum; 24 as the maximum acceptable. These courses are:

Ed. 202, 203	6	Ed. 336	3
Ed. 226	3	Ed. 250 (3), 420 (3) or 420	6
Ed. 324 or 341	2		
Ed. 325	3	Total	23

4. Specialization is recommended in one or more of the fields listed in (2) above. This may be obtained by adding courses to the minimum required in each field.

CURRICULUM C

1. Curriculum C is planned for those students who wish to qualify for teaching both in the elementary and high schools. This curriculum has the following requirements:

General education and other required courses	76 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Specialized courses and electives	29 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education and other courses required in this curriculum total 76 semester hours, and include the following:

Art 155, 156, 255	6	Physical Education 101, 111 (W); 115, 116, (M); 126, 214, El.(1)	6
Biology 101, 102	6		
English (Comp), 102, 104, 208	9	Physical Science 201, 202 or 315, 316	6
English (Lit), 202, 204, 207	9		
Geography 305	3	Social Science	12
Health 308	2	Hist. 111-112 or Soc. Sci. 111-112 (6)	
History 302, 330	6		
Library Science 101	1	Soc. Sci. 201, 202 (6)	
Mathematics 205	4		
Music 101, 102, 205	6	Total	76

3. Professional courses include 23 semester hours as a minimum; 26 hours as the maximum acceptable.

Ed. 202, 203	6	Ed. 325	3
Ed. 226	3	Ed. 422	3
Ed. 306 or 341	2	Ed. 250 (3), 425 (3) or 425	6
		Total	23

4. Specialization is required in two teaching fields, unless home economics, industrial arts, or commerce are offered as teaching fields. In a number of fields, specialization may be obtained readily by adding courses to the minimum required in (2) above.

SPECIFIC REQUIREMENTS IN ALL TEACHING FIELDS

ART* 40 Sem. Hrs.

Required Courses		Min. Required
Freehand Drawing		6
141 Art Structure	2	
142 Drawing	2	
241 Drawing from Life	2	
242 Drawing & Painting from Life	3	
Design		6
291 Commercial Design, I	3	
292 Commercial Design, II	3	
391 Fashion Illustration	3	
392 Textile Design	3	
491 Interior Design	3	
Painting and Modeling		6
283, 284 Modeling and Sculpture	4	
361, 362 Painting in Oil	6	
363, 364 Painting in Watercolor	6	
365 Painting in Gouache	3	
History and Appreciation		6
255 History and Appreciation of Art	2	
278 Ancient and Medieval Art	3	
377 Italian & North. Ren. Art	3	
378 Nineteenth Cen. & Cont. Art	3	
477 Seminar in Art History	2	
Art Education		6
155 Creative Exp. in Fine Arts	2	
156 Creative Exp. in App. Arts	2	
355 Mtls. and Tech. for H. S.	2	
356 Crafts for H. S. Teachers	2	
Suggested Electives (See list below)		10

Ceramics
Indus. Arts 314, 414
Plastics and Crafts
Sculpture
Adv. History and Appreciation
Advanced Painting
Jewelry

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* The 40 hours requirement listed qualifies for the Special Non-academic Certificate in Art. A First Class High School Certificate in Art is available upon completion of 24 hours from the above outline of courses with a minimum of 6 hours drawn from the freehand drawing group, the design group, the painting and modeling group, and the history and appreciation group.

The Special Non-academic Certificate in Art is valid for five years for teaching and supervising art in the elementary and secondary schools of West Virginia.

BIOLOGICAL SCIENCE 32 Sem. Hrs.

Required Courses		12
Biol. 101, 102 General Biology	6	
Bot. 330 Field Botany	3	
Zool. 315 Field Zoology	3	
Elective Courses		12
Biol. 380 Intro. to Genetics	3	
480 Evolution	2	
Bot. 310 Plant Physiology	4	
314 Plant Geography	3	
324 Bacteriology	3	
340 Algae and Fungi	4	
342 Plant Ecology	4	
371 Plant Anatomy	2-4	
400 Mosses and Ferns	3-5	
Zool. 320 Invertebrate Zool.	4	
321 Vertebrate Zool.	4	
322 Ornithology	2	
350 Comparative Anatomy	4	
370 Principles of Animal Ecology	3	
420 Vertebrate Embryology	4	
450 Human Physiology	4	
Chemistry		8
Chem. 101, 102	8	

BIOLOGICAL AND GENERAL SCIENCE 42 Sem. Hrs.

Required Courses		12
Biol. 101, 102, or General Biology	6	
Bot. 330 Field Botany	3	
Zool. 315 Field Zoology	3	
Elective Courses (See detailed courses listed under Biological Science immediately above)		12
Chem. 101, 102 General Chemistry		8
Physics 101, 103 General Physics		8
Geology 302 Geology: Historical		2-3

BUSINESS PRINCIPLES AND DISTRIBUTIVE EDUCATION 35-52 Sem. Hrs.

Required Courses		17-24
Accounting		
Bus. 201 Principles of Accounting	0-3	
Bus. 202 Principles of Accounting	3	
or		
Ret. 204 Retail Accounting	3	
Secretarial and Clerical Skills		
O. A. 101-102 Beginning Typewriting	0-4	
General Business		
Econ. 303 Money, Credit, and Banking	3	
Bus. 306 Business Law	3	
Bus. 307 Consumer Economics	3	
Math. 141 Business Mathematics	2	
Distributive Education		
Ret. 304 Principles of Marketing	3	

Required Courses 18

The student and his adviser will select 18 semester hours from the Retailing courses deemed to be of greatest value in the fulfillment of his educational objective.

Work Experience

2000 clock hours of work experience in the field of Retailing are required for a certificate in Distributive Education.

COMMERCE—BUSINESS PRINCIPLES* 27 Sem. Hrs.

Requires Courses

Bus. 201, 202	Prin. of Accounting	6
Bus. 306	Business Law	3
Ret. 304	Marketing	3
Econ. 201, 202	Econ. Prin. & Probs.	6
Econ. 303	Money, Credit and Banking	3
Math. 141	Business Mathematics	2
Off. Adm. 101, 102	Typing	4

* For preparation in this field students are advised to complete Bus. 211, 2 hrs.

COMMERCE—OCCUPATIONAL 39 Sem. Hrs.

(In order to avoid repetition of material, the outline of requirements in this field is given under Office Administration, page 59.)

ENGLISH 36 Sem. Hrs.

Required Courses, Composition 12

102, 104	First Year Studies	6
208	Second Year English	3
321	Study of the Eng. Language	3

Required Courses, Literature 22

202, 204 Study, Appreciation Eng. & Amer. Lit.	6
351-352 or 361-362 Surveys	6
Electives, Literature. Group I. 207, 311, 312, 313, 314, 318, 341, 342, 418	6
Electives, Literature. Group II. 223, 315, 316, 317, 322, 324, 325, 328, 329	4

Library Science or Journalism 2-3
(Special Activities)

FRENCH* 24 Sem. Hrs.

MAJOR

Required Courses

101, 102	Elementary French or equivalent	6
201, 202	Second Year French	6
**301	Literature of the 17th Cent.	3
**302	Literature of the 18th Cent.	3
**309	Adv. Grammar and Comp.	2-3
**421	The Romantic Movement	3
**422	French Literature Since 1850	3
**431	French Civilization and Culture	3

Language (Spanish) 12 Sem. Hrs.

MINOR IN FRENCH 18 Sem. Hrs.

Required Courses

101, 102 or equivalent	6
201, 202, and electives	12

* 2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

** 12 hours should be selected from courses marked with asterisks.

HOME ECONOMICS* 35 Sem. Hrs.

Required Courses

101 Elementary Clothing	2
102 Clothing Selection and Const.	3
103 Principles of Clothing Selection	2
201 Elementary Foods	3
202 Advanced Foods	3
210 Textiles	3
303 Nutrition	3
315 Home Management	3
320 Home Planning and Furnishing	4
330 Child Care and Development	2
340 Quantity Cookery	3
351 Applied Design	2
406 Techniques	2

* In addition to the above requirements, teachers of Vocational Home Economics must complete 12 hours in Biology and 8 hours in Chemistry. At the present time, Fairmont State College does not prepare teachers for this type of Home Economics teaching.

INDUSTRIAL ARTS 41 Sem. Hrs.

Required Courses 21 Sem. Hrs.

101 General Bench Woodworking	2
110 General Shop I	2
130 Elementary Drawing I	2
134 Machine Shop I	2
140 Mechanical Drawing I	2
202 Machine Woodworking	2
242 Architectural Drawing I	2
322 General Shop II	2
325 Organization and Administration of Industral Arts	2
*335 Philosophy of Industrial Arts	3

**Elective Courses (Select ten in at least two course areas to develop fields of specialization) 20 Sem. Hrs.

#212 Printing I	2
#215 Auto Mechanics I	2
220 Sheet Metal I	2
230 Electricity II	2
234 Machine Shop II	2
300 Blue Print Reading and Slide Rule operation	2
303 Furniture Construction and Design	2
304 Cabinet Making I	2
308 Wood Finishing	2
#312 Printing II	2
314 Plastices and Crafts I	2
#315 Auto Mechanics II	2
320 Sheet Metal II	2
334 Machine Shop III	2

340	Mechanical Drawing II	2
342	Architectural Drawing II	2
345	Acetylene Welding	2
346	Arc Welding	2
350	Machine Drawing I	2
360	Shop Planning	2
#362	General Graphic Arts	2
#365	Auto Mechanics III	2
388	Cabinet Making II	2
404	Building Construction I	4
405	Building Construction II	4
408	Cabinet Making III	2
414	Plastics and Crafts II	2
#415	Driver Education	2
420	Sheet Metal III	2
422	General Shop III	2
434	Machine Shop IV	2
442	Architectural Drawing III	2
450	Machine Drawing II	2
462	Architecural Drawing IV	2
474	Industrial Maintenance	2-3
475	Mill Wrighting	2-3
490	Methods and Materials of Teaching I. A.	2

#Not offered during 1953-54

EVENING SCHOOL PROGRAM

The Industrial Arts evening program is organized so as to provide a reasonable degree of flexibility in its offerings. The courses listed below are primarily open only to those enrolled in the evening program. Students regularly enrolled should not schedule these classes without permission, and cannot receive more than two (2) semester hours of credit for each class.

134	(N)	Machine Shop I	2-3
140	(N)	Mechanical Drawing I	2-3
202	(N)	Machine Woodworking	2-3
234	(N)	Machine Shop II	2-3
242	(N)	Architectural Drawing I	2-3
300	(N)	Blue Print Reading and Slide Rule Operation	2-3
304	(N)	Cabinet Making I	2-3
314	(N)	Plastics and Crafts I	2-3
340	(N)	Mechanical Drawing II	2-3
342	(N)	Architectural Drawing II	2-3
345	(N)	Acetylene Welding	2-3
346	(N)	Arc Welding	2-3
350	(N)	Machine Drawing I	2-3
414	(N)	Plastics and Crafts II	2-3

MINOR IN INDUSTRIAL ARTS

24 Sem. Hrs.

Required Courses

101, 110, 130, 134, 140, 202, 242, 322, 325; plus six (6) additional hours from two (2) subject areas, arranged in technical sequences.

* Must be scheduled by all candidates for the teaching degree; recommended for all other students.

** Students transferring from the Engineering curriculum to Industrial Arts may receive credit for the following Engineering courses:
112, 113, 115, 131, 209, 212.

LIBRARY SCIENCE*

16 Sem. Hrs.

Fairmont State College is offering sufficient courses in Library Science to enable prospective "teacher-librarians" to meet the North Central Association of Colleges and Secondary Schools requirements for high schools enrolling up to 500 students. Some of the courses scheduled will be offered only in alternate years. Students. planning to complete this requirement should arrange to take most of these courses in the last two years of their college work. West Virginia does not certify librarians at this time.

Library Science Courses

101 The use of the Library	1 hour
302 School Library Administration	3
303 Cataloging and Classification	2
305 Selection and use of Secondary School Library Materials	2
306 Reference and Bibliography	2
404 Practice Work	2-3
424 Selection and Org. of Audio-Visual Materials	2

* O. A. 101, or its equivalent, should be taken before enrollment in any 300 or 400 level Library Science courses, except 305. Library Science 101 or its equivalent, is a prerequisite to all other courses except 207.

MATHEMATICS*

28 Sem. Hrs.

Required Courses		25
121 Solid Geometry**	3	
221 College Algebra	4	
231 Plane Trigonometry	3	
251 Analytic Geometry	4	
321 Differential Calculus	4	
331 Integral Calculus	4	
405 Modern Geometry	3	
Elective Courses (select 3 hrs.)		
311 Navigational Trigonometry	3	
341 Theory of Equations	3	
401 Differential Equations	3	

* 2 units of Algebra and 1 unit of Plane Geometry are required of students planning a teaching field in Mathematics. If a student cannot meet this requirement when he enters, he may meet it adequately by taking Math. 1, Intermediate Albegra, and Math. 111, Review Algebra. Plane Geometry may be made up in the Summer Laboratory School.

** 3 semester hours may be deducted for Solid Geometry taken in high school.

MUSIC*

58 Sem. Hrs.

Theory		16
109-110 Theory	8	
209-210 Theory	8	
Applied Music		17
107, 408 Piano (Min. 5)	5-6	
141-442 Voice (Min. 2)	5-6	
211-212 Beg. String Class	2	
213, 214 Beg. Brass Class	2	
215, 216 Beg. Woodwind Class	2	
**275-492 Special Orchestral Instrument	4	

Appreciation			9
301	Music Appreciation	3	
313, 314	Music History	6	
Conducting			4
345	Choral Conducting	2	
346	Instrumental Conducting	2	
Participation			8
167-468	Orchestra		
169-470	Band		
171-472	Women's Chorus		
173-474	College Choir		
Music Education			4
102	Mthds & Mtls for El. Grades	2	
431	Mthds & Mtls for Sec. Schools	2	

* The 58 semester hours requirement listed qualifies for the Special Non-academic certificate in Music. A First Class High School Certificate in Music is available upon completion of 40 hours from the above outline of courses. This certificate requires 12 hours in the Theory group; 9 in the Applied Music group; 9 in the Appreciation group; 10 in Conducting group; and 2 in the Music Education group.

** Advanced work on a special orchestral instrument may be done to satisfy four of the hours required in this block.

OFFICE ADMINISTRATION (Commerce-Occupational) 39 Sem. Hrs.

Required Courses				Min. Required
Accounting				6
Bus.	201, 202	Principles of Accounting	6	
Typewriting				4
O. A.	101, 102	Beginning Typewriting	4	
*O. A.	211	Vocational Typewriting	2	
Shorthand and Transcription				8
O. A.	201, 202	Beginning Shorthand	8	
*O. A.	301, 302	Advanced Shorthand and Transcription	8	
Secretarial Practice				5
O. A.	311	Office Machines and Filing	2	
O. A.	401	Secretarial Practice	3	
Related Courses				13
Bus.	211	Business Correspondence	2	
	306	Business Law	3	
Econ.	201, 202	Econ. Prin. and Prob.	6	
Math.	141	Business Math. or equivalent	2	
Retailing, Salesmanship, or Advertising				3
Ret.	105	Principles of Retailing, or	3	
	205	Salesmanship or	3	
	305	Merchandising, or	3	
Jour.	320	Principles of Advertising	3	

* O. A. 211 and 301 must be scheduled.

PHYSICAL EDUCATION (Men)*			36 Sem. Hrs.
Required Courses			14
Health		6	
102 Personal Health	2		
308 School Health Problems	2		
404 Physical Inspection	2		
Basic Science		4	
310 Human Anatomy	2		
311 Kinesiology	2		
Theory and Practice of Phy. Ed.		4	
115 Freshmen Orientation	1		
116 Freshmen Orientation	1		
461 Organization and Adm. of P. E.	2		
Elective Courses			22
(Courses marked with the asterisk are required to complete teaching field; choices may be made for the remaining hours).			
Team Sports (Physical Ed.)		10	
201 Football	1		
202 Basketball	1		
203 Baseball	1		
204 Track	1		
*271 Team Sports	2		
*320 Theory of Coaching Foootball	2		
*321 Theory of Coaching Basketball	2		
322 Theory of Coaching Track	2		
323 Theory of Coaching Baseball	2		
329 Officiating Football and Basketball	2		
380 Problems of Coaching, Little League Baseball	2		
Recreational Activities		5	
Physical Education			
*131 or 231 Beg. or Inter. Swimming	1		
205 Golf	1		
237 or 337 Beg. or Adv. Tennis	1		
*272 Ind. & Dual Activities	2		
317 Stunts & Tumbling	1		
330 Advanced Swimming	2		
331 Swimming Tech. & Life Sav.	2		
Recreation			
324 Archery & Badminton	1		
344 Recreational Leadership	1-3		
School and Community		6	
241 First Aid & Safety Ed. (Health)	2		
314 Lead-up Games for Se. Schools (PE)	2		
336 Co-recreational Activities (Rec.)	2		
442 Camping & Youth Organizations (Rec.)	2		
443 Community & Ind. Recreation (Rec.)	3		
Rhythmic Activities		1	
126 Social Dancing (Rec.)	1		
325 Square Dancing (Rec.)	1		
325 Folk Dancing (PE)	1		

* No credit in Physical Education is allowable for participation in intercollegiate sports.

PHYSICAL EDUCATION (Women) 38 Sem. Hrs.

Health		8
102 Personal Health	2	
241 First Aid and Safety	2	
308 School Health Problems	2	
404 Physical Inspection	2	
Theory		6
351 History and Principles	2	
361 Methods for Secondary Schools	2	
461 Organization and Administration	2	
Basic Sciences		4
310 Anatomy and Physiology	2	
311 Kinesiology	2	
Team Sports		7
117 Skills	1	
217 Skills	1	
219 Skills	1	
316 Coaching and Officiating Hockey and Soccer	2	
319 Coaching and Officiating Soft Ball and LaCrosse	2	
327 Coaching and Officiating Volley Ball and Basketball	2	
Individual and Dual Sports		5
131 Beginning Swimming **or** 231 Intermediate Swimming	1	
237 Fundamentals of Tennis **or** 337 Advanced Tennis	1	
317 Stunts and Tumbling	1	
324 Archery and Badminton (Rec.)	1	
330 Advanced Swimming **or** 331 Swimming Techniques and Life Saving	2	
School and Community		4
314 Lead-up Games for Secondary Schools	2	
336 Co-recreational Activities (Rec.)	2	
442 Camping and Youth Organizations (Rec.)	2	
443 Community and Industrial (Rec.)	3	
Rhythms		4
126 Social Dancing (Rec.)	1	
226 Techniques of Modern Dance	1	
325 Folk Dancing	1	
325 Square Dancing (Rec.)	1	
326 Advanced Modern Dance	1	

PHYSICAL SCIENCE 36 Sem. Hrs.

Chemistry		16
101, 102 General Chemistry	8	
201 Qualitative Analysis	4	
240, 241 Quantitative Analysis	8	
301, 303 Organic Chemistry	8	
Physics		16
101, 103 General Physics	8	
310, 311 Electricity and Electronics	8	
Electives (Physical Science only)		4

PHYSICAL AND GENERAL SCIENCE 44 Sem. Hrs.

Required Courses			
Chemistry			16
101, 102	General Chemistry	8	
201	Qualitative Analysis	4	
240, 241	Quantitative Analysis	8	
301, 303	Organic Chemistry	8	
Physics			16
101, 103	General Physics	8	
310, 311	Electricity and Electronics	8	
Biology			9
101, 102	General Biology	6	
380	Intro. to Genetics	3	
Geology			2-3
302	Geology: Historical	2-3	

SOCIAL SCIENCE 42 Sem. Hrs.

General Courses		15
Hist. 111-112 or Soc. Sc. 111-112, Devel. of Social Institutions	6	
Soc. Sci. 201, 202, Fundamental Social Problems	6	
Soc. Sci. or Hist. 462, Intro. to Methods of Research	3	
History		15
207, 208 Survey of U. S. History	6	
221, 222 Modern Europe	6	
302 History of West Virginia	3	
Economics		3
230 or 305 Economic Principles	3	
Geography		3
204 Economic Geography, or 305 World Political Geography	3	
Political Science		3
302 American Government	3	
Sociology		3
240, 301, 320, 330, 440, 450 (Choose one)	3	

SPANISH* 24 Sem. Hrs.

Required Courses			
101, 102	Elementary Spanish, or equivalent	6	
201, 202	Modern Spanish	6	
**301, 302	Nineteenth Cen. Lit. I, II	6	
**327	Adv. Comp. and Conv.	2-3	
**421, 422	Literature of the Golden Age	6	
Language (French)			12 Sem. Hrs.

MINOR IN SPANISH 18 Sem. Hrs.

Required Courses: 101, 102, or equivalent	6
201, 202, and electives	12

* 2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

** Majors should select 12 hours from courses marked with asterisks.

SPEECH

28 Sem. Hrs.

Required Courses 14

101	Fundamentals of Speech	2
105	Voice and Diction	2
243	Debate	2
336	Play Directing	2
336L	Play Directing Lab.	1
337	Effective Speaking	2
430	Speech Correction	3

Elective Courses* **14**

151	Play Production	2
330	Fundamentals of Radio Speech	2
244	Intercollegiate Debating	1-2
245	Oratory	1-2
251	Acting	2
301, 301L	Make-up	1-2
313, 314	Shakespeare: Comedies & Tragedies	4
318	Modern Drama	3
331	Children's Theatre	3
334	Radio Production	2
352, 352L	Theatre Workshop	1-2
401	Extemporaneous Speaking	1
421	Poetry Interpretation	3

* Not more than 3 hours may be elected in any one subject.

MINOR IN SPEECH AND DRAMATICS

21 Sem. Hrs.

Required Courses: 101, 105, 151, 243, 245, 330, 336, 337, 421, 430.

SPECIAL CURRICULA

PRE-PROFESSIONAL CURRICULA

The courses outlined below are organized to meet the needs of those students who plan to continue their work in some professional school after one or two years as a student in Fairmnt. Since most of this work is basic in character, it may be used in meeting the requirements for graduation from Fairmont State Colege.

Pre-professional work is offered in the following fields:

- Dentistry
- Engineering
- Law
- Medicine
- Medical Technology
- Nursing
- Social Work

An outline of the courses to be included in the pre-professional curricula listed above is outlined below for the use of students and advisers. Since the majority of students doing such work will later enter the professional schools at West Virginia University, the courses have been prepared with the idea of meeting the requirements laid down by University authorities for their own pre-professional students. Students expecting to enroll in other professional schools should procure a catalogue from the school they expect to enter with advanced standing so that the course taken here will meet the requirements they need to meet. The pre-professional field adviser will assist students in making all necessary adjustments.

The arrangement of courses of the pre-professional curricula by years may have to be varied somewhat to meet schedule situations and the interests of students. The pre-professional adviser should, however, be consulted as regards any such changes before they are made.

PRE-DENTAL CURRICULUM

Students enrolled in pre-dentistry should plan their programs in relation to the requirements of a specific college of dentistry for the entrance requirements differ somewhat among the various colleges. They should obtain a catalogue from the school of their choice, and use it as a guide in selecting their courses in Fairmont. Only students with a B average, or higher, will be urged to continue dental training.

A recommended schedule for a two year pre-dental course in Fairmont State College follows:

Course	First Year		Second Year	
	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
German 101, 102 or French 101, 102	3	3		
German 201, 202 or French 201, 202			3	3
Biology 101, 102	3	3		
*Zoology 203, 320, 321			4	4
Physics 101, 103			4	4
Chemistry 301, 303			4	4
Psychology 203, 205	3	3		
Electives (Composition, Literature or Sociology)			2	2
	16	16	17	17

* Some dental schools specifically require Zoology. In most instances, Biology or Zoology courses will meet requirements. There normally should be an opportunity to include 3-4 hours of elective courses in the first year.

PRE-ENGINEERING CURRICULUM

The curriculum in pre-engineering is planned, first to give the student an introduction to the arts and sciences common to the various fields of engineering, thereby helping him to select the type of engineering best suited to his liking and ability; secondly, to give him special and technical knowledge in the basic arts and sciences which will enable him to do successful work in the courses in the college of engineering he plans to enter.

As there is a growing tendency to encourage students to obtain a broader education than was formerly required for engineering degrees, it is suggested that students do this through careful selection of electives in economics, history, languages, and science.

A suggested program for pre-engineering courses, extending over the first two years and a possible summer session in Fairmont State College, is outlined below.

For students offering 1½ units of Algebra and 1 unit of Geometry as entrance credit, the following curriculum is suggested:

Course	First Year		Second Year	
	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
Speech 101	2			
Mathematics 111, 221	2	4		
Mathematics 121, 231	3	3		
Chemistry 101, 102	4	4		
Engineering 113, 131	3	3		
	17	17		
Physics 210, 211			5	5
Mathematics 321, 331			4	4
Chemistry 240, 241			3	3
Language or Bus. 306			3	3
Engineering 201, 202, or Math 401			3	3
			18	18

For students offering 1½ or 2 units of Algebra and 1 or 1½ units of Geometry, the following curriculum is suggested:

Course	First Year		Second Year	
	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
Speech 101	2			
Chemistry 101, 102	4	4		
Engineering 113, 131	3	3		
Mathematics 221, 231	4	3		
Mathematics 121		3		
Physics 210, 211			5	5
Mathematics 321, 331			4	4
Chemistry 240, 241 or Bus. 306			3	3
Language			3	3
Engineering 201, 202, or Math 401			3	3
	16	16	18	18

Other courses to be taken in the Summer Session, or in the first two years, if preparatory work permits:

Mathematics 241	3
Mathematics 251	4
Engineering 112	2
Engineering 115	2
Engineering 209	2
Engineering 212	2

PRE-LAW CURRICULUM

If the general requirements for graduation and the major requirements as set out on page 44 are met in the first three years of work at Fairmont State College, the final group of hours to make a total of 128 and to complete all requirements may be taken in a recognized law school. Fanrmont State College will then confer the A.B. degree on those students completing the program.

A suggested outline of pre-law courses covering the first three years at Fairmont State College is outlined below:

SUBJECT	HOURS	I		II		III	
Library Science	1	101					
English Composition	6	102	104				
Speech	4			101	105		
History	16	111	112	207	208	307	308
*Biological Science	6	101	102				
Psychology	3				204		
Philosophy	3			201			
Physical Education	2		115	116			
Political Science	16	101	203	302	307	309	310
Sociology	6	121	122				
Art	2			255			
Music	2				205		
Literature	6					341	342
Economics	6					201	202
Business	6					201	202
Electives	11						
	96						

* Physical Science 201 and 202 (6 hours) and Health 102 (2 hours) may be substituted for Biological Science, with the consequent rearrangement of this schedule.

PRE-MEDICAL CURRICULUM

Students preparing for the study of medicine will do well to provide themselves with a broad collegiate training rather than to restrict their studies to a narrow field. A two year program for pre-medical students based upon this principle is here outlined. Unless, however, a valid reason for altering the program exists, all students enrolled in pre-medical work will be required to follow this schedule. Students should know that every school of medicine has definitely prescribed entrance requirements which differ in certain particulars from those of many other schools. As a consequence, one should find out the specific requirements of the school he plans to enter and select the courses that satisfy these requirements. Only students with a B average or higher will be expected to continue medical training.

The following basic courses in Fairmont State College are recommended:

	First Year		Second Year	
Course	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
English 202, 204			3	3
Chemistry 101, 102	4	4		
Foreign Language (German, French, Latin)	3	3	3	3
Biology 101, 102	3	3		
Mathematics 221, 231	4		3	
Chemistry 201, 241			4	4
Physics 101, 103			4	4

Psy. 203		3		
Physical Education	1	1		
Electives				3
Total	18	17	17	17

PRE-MEDICAL TECHNOLOGY CURRICULUM

Those persons planning to become medical technologists can complete the collegiate requirements at Fairmont State College. A minimum of 60 semester hours of college credit must be presented for entrance to a school of medical technology approved by the Council on Medical Education and Hospitals of the American Medical Association. The entrance requirements must include 12 semester hours of biology, four of which must be zoology, and 12 semester hours of chemistry, 8 of which must be general inorganic and four quantitative analysis. The electives should be chosen from English, mathematics, physics, anatomy, bacteriology, organic chemistry, physiology, and histology.

Any student who wishes to earn a degree from Fairmont State College should schedule courses to meet the general education requirements of this institution. A recommended schedule for such students is as follows:

First Year

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English 102	3	English 104	3
Biology 101	3	Biology 102	3
Chemistry 101	4	Chemistry 102	4
French or German	3	French or German	3
Library Science 101	1	P. Ed.	1
P. Ed.	1	Electives	2-3
Electives	1-2		
	16-17		16-17

Second Year

Chemistry 240	4	Zool. 321	4
English 202	3	English 204	3
Physics 101	4	Physics 103	4
French or German	3	French or German	3
P. Ed.	1	P. Ed.	1
Elective	3	Elective	3
	17		17

PRE-NURSING CURRICULUM

There has been a tendency in recent years in nursing education toward the establishment of a requirement of at least two years of college work preparatory to entering a school of nursing. Students in this curriculum are advised to use their elective hours in the direction of a broad, general education.

A suggested program of studies in Fairmont State College follows:

Course	First Year		Second Year	
	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
Biology 101, 102	3	3		
Language or elective	3	3	3	3
Physical Education			2	2

Literature			3	3
Psychology 203, 205			3	3
Soc. Sci. 201-202			3	3
Electives	3-4	3-4	2-3	2-3
	16-17	16-17	16-17	16-17

PRE-SOCIAL WORK CURRICULUM

The pre-professional curriculum in Social Work is designed to meet the needs of the students who plan to enter the school of Social Work at West Virginia University, or other approved schools of social work. Professional education for the many positions available for professional social workers is on a graduate basis in all accredited schools of social work. The undergraduate program, which may be obtained completely at Fairmont State College, includes broad and intensive preparation in the social sciences and related fields.

Students who choose this course must satisfy all the requirements prescribed for the Bachelor of Arts. They should elect their major in Sociology or Social Science and meet the requirements set up for majors in one of those fields. The program for this curriculum should be planned in consultation with the chairman of the Department of Sociology.

TWO-YEAR CURRICULA

Fairmont State College now offers a number of special two-year curricula, and it is expected that others will be added from time to time. These curricula are now available in the following areas:

Accountancy

Clerical

General Education

The purpose of these curricula is to provide desirable vocational training for those persons who are unable to complete an entire four-year course without interruption, and for those persons who desire some college training organized with a definite objective in mind in contrast to a more or less random selection of courses. These curricula are organized in such a manner as to be complete within themselves, while, at the same time, they will serve as preparation for the more intensive and richer four-year courses. The quality of the instruction offered will be identical with that in the four-year courses.

Fairmont State College has requested the State Board of Education to permit the issuance of a certificate as Associate in Arts or Associate in Science upon the successful completion of any of these special curricula. The student, of course, may choose not to complete all the requirements of a special curriculum and continue work toward a baccalaureate degree instead.

ACCOUNTANCY CURRICULUM

First Year

Eng. 102, Composition	3	Eng. 104, Composition	3
Bus. 202, Accounting	3	Bus. 22, Accounting	3
Psy. 203 or 204 Gen'l Psy.	3	Speech 101, Fundamentals	2
Econ. 201, Principles	3	Econ. 202, Problems	3
Electives	4-5	Electives	5-6
	16-17		**16-17**

Second Year

Bus. 301, Adv. Accounting	3	Bus. 202, Adv. Accounting	3
Bus. 406, Income Tax	3	Bus. 407, Income Tax	3
Bus. 306, Business Law	3	Bus. 408, Payroll Accounting	2
Bus. 314, Office Management	2	O.A. 101, Beg. Typewriting	2
Electives	5-6	Electives	6-7
	16-17		16-17

CLERICAL CURRICULUM

First Year

Eng. 102, First Yr. Writ. and Spok. English	3	Eng. 104, First. Yr. Writ. and Spok. English	3
Lib. Sci. 101, Use of Library	1	Bus. 102, Principles of Business	3
Speech 101, Fundamentals	2	O. A. 211, Vocational Typewriting	2
O. A. 102, Second half Beg. Typewriting	2	Health 102, Personal Health	2
P. E. 101, 115, or any activity course	1	P. E. 111, 116, or any active course	1
Math. 141, Bus. Math.	2	Electives	5-6
Electives	5-6		
	16-17		16-17

Second Year

Bus. 201, Prin. of Acctg.	3	Bus. 202, Prin. of Acctg.	3
Bus. 211, Bus. Correspondence	2	Psychology 203 or 204, General Psychology	3
O. A. 311, Office Machines	2	Electives	10-11
O. A. 351, Clerical Practice	3		
Electives	6-7		
	16-17		16-17

GENERAL EDUCATION CURRICULUM

First Year

Eng. 102, Composition	3	Eng. 104, Composition	3
Biol. 101, Intro. to Biol. **or** Phy. Sci. 201, Gen. Phy. Sci.	3	Biol. 102, Intro. to Biol. **or** Phy. Sci. 202, Gen. Phy. Sci.	3
Soc. Sci. 111 or Hist. 111, Dev. of Soc. Inst.	3	Soc. Sci. 112 or Hist. 112, Dev. of Soc. Inst.	3
Speech 101, Fund. of Speech	2	Phil. 101, Intro. to Phil.	3
Lib. Sci. 101, Use of the Library	1	Phy. Ed. 111 or 116, Fr. Orient.	1
Phy. Ed. 101 or 115, Fr. Orient.	1		
Electives	3-4		
	16-17		16-17

Second Year

Eng. 202, Literature	3	Eng. 204, Literature	3
Soc. Sci. 201, Fund. Soc. Prob.	3	Soc. Sci. 202, Fund. Soc. Probs.	3
Psy. 203 or 204, Gen'l Psy.	3	Music 205, Music in Hum. Rel.	2
Art 255, Hist. & App. of Art	2	Electives	8-9
Electives	5-6		
	16-17		16-17

COURSES OF INSTRUCTION

Key to Abbreviations

I—A course given in the first semester.
II—A course given in the second semester.
I, II—A semester course given in each semester.
I and II—A course given throughout the year.
Hrs.—Number of credit hours per course.
PR—Prerequisite.

The Plan for Numbering Courses

Courses 100 to 199—Courses intended primarily for freshmen.
Courses 200 to 299—Courses intended primarily for sophomores.
Courses 300 to 399—Courses intended primarily for juniors.
Courses 400 to 499—Courses intended primarily for seniors.

Schedules

Before the opening of each semester, a schedule is printed announcing the courses to be offered in that semester. Preliminary and final registration is made from this schedule. A complete schedule of all courses offered in the Summer session is printed in the Summer Session Bulletin.

ART*

Miss Rhodes, Mr. Schroder

141. **Art Structure. I** Two hours.
A basic course in the principles of design applicable to various media and techniques. Mr. Schroder.

142. **Drawing. II** Two hours.
The development of technical skill in the use of various drawing media with a continuation of problems of composition Mr. Schroder.

155. **Creative Expression in the Fine Arts. I** Two hours.
Art related to the general educational program of the elementary schools. Experience in drawing, painting, poster, and design, using various media suitable for children. Miss Rhodes.

156. **Creative Expression in the Applied Arts. II** Two hours.
Crafts related to the general educational program. Experience in working with clay, paper, wire, puppets, etc. Miss Rhodes.

241. **Drawing from Life. I** Two hours.
Drawing from the posed model accompanied by analytical studies of anatomy. Mr. Schroder.

242. **Drawing and Painting from Life. II** Two-three hours
Continuation of Art 241. Mr. Schroder.

255. **History and Appreciation of Art. I, II** Two hours.
Emphasis upon art in contemporary living. Considers the social, political, and economic impact upon historical backgrounds and modern developments in various art fields. Miss Rhodes.

278. **Ancient and Medieval Art. II** Three hours.
History of Art from Prehistoric times to 1400 A. D. An analysis of the philosophical, religious, and political beliefs and conditions that produced various artistic expressions. Use of slides and prints. Mr. Schroder.

283. **Modeling and Sculpture. I** Three hours.

Introductory course using clay modeling, plaster, and metal sculpture. Mr. Schroder.

284. **Modeling and Sculpture. II** Three hours.

Continuation of Art 283. Includes carving in wood and stone. Mr. Schroder.

291. **Commercial Design. I** Three hours.

Lettering and design for advertising, posters, and display. The approach may be from either the professional or the school point of view. PR, 141. Miss Rhodes.

292. **Commercial Design. II** Three hours.

Continuation of 291. Miss Rhodes.

341. **Lithography. I** Two hours.

Study of materials and methods of making drawings on stone and printing with the use of offset press. Mr. Schroder.

342. **Lithography. II** Two hours.

Continuation of Art. 341. Mr. Schroder.

355. **Applied Problems for High School Teachers.** Two hours.

Planning and application of immediate problems for high schools. Coordinated with the Education Department and the public schools. Designed for students who are practice teaching or for teachers in service. Miss Rhodes.

356. **Crafts for High School Teachers.** Two hours.

Crafts for high schools, playgrounds, or personal recreation. Students who do not desire education credit will substitute additional problems for discussions of teaching. PR, 141. Miss Rhodes.

361. **Painting in Oil. I** Two-three hours.

Still life, landscape, and figure painting in oil. Mr. Schroder.

362. **Painting in Oil. II** Two-three hours.

Continuation of Art 361. Mr. Schroder.

363. **Painting in Watercolor. I** Two-three hours.

Composition and techniques of painting in watercolor. PR, 142. Miss Rhodes.

364. **Painting in Watercolor. II** Two-three hours.

Continuation of 363. Miss Rhodes.

365. **Painting in Gouache. I** Two-three hours.

Composition and techniques of painting in opaque watercolor. PR, 142. Miss Rhodes.

377. **Italian and Northern Renaissance Art. I** Three hours.

History of painting, sculpture, architecture, and the minor arts in Italy, the Netherlands, Germany, Spain, France, and England from circa 1400 A.D. to the 19th century.

378. **Nineteenth Century and Contemporary Art. II** Three hours.

History of art from the 19th century to the present. An analysis of art movements: neo-classicism, romanticism, impressionism, post-impressionism, expressionism, cubism, and surrealism.

383. **Ceramics. I** Three-two hours.
Modeling, firing, and glazing pottery and ceramic sculpture. Mr. Schroder.

384. **Ceramics. II** Two-three hours.
Continuation of 383. Mr. Schroder.

391. **Fashion Illustration. I** Three hours.
Rendering of fashion illustration in various media. Pr, 241. Miss Rhodes.

392. **Textile Design. II** Three hours.
Designs for stencil, silk screen, and weaving. Study of contemporary designers and professional practices. Techniques applicable to high school teaching. PR, 141. Miss Rhodes.

461. **Advanced Painting in Oil. I** Two-three hours.
Experimental study and execution of oil painting using various techniques such as impasto, glazing, and knife painting with also sizing and stretching of canvas and the construction of proper frames. Mr. Schroder.

462. **Advanced Painting in Oil. II** Two-three hours.
Continuation of 461. Mr. Schroder.

463. **Painting in Any Medium. I** Two-three hours
The student is permitted to select the medium and then experimentally exploit all the technical and creative possibilities that it permits. Mr. Schroder.

464. **Mural Painting. II** Three hours.
The study and execution of mural designs. Mr. Schroder.

477. **Seminar in Art History. II** Two hours.
Correlation of art history and aesthetics. PR, 8 hours of art history.

478. **Survey of Mexican Art.** Three-six hours.
Escorted travel study of Mexican art monuments and museums.

483. **Advanced Sculpture. I** Two-three hours.
Carving in wood and stone. Mr. Schroder.

484. **Advanced Sculpture. II** Two-three hours.
Continuation of 483. Mr. Schroder.

491. **Interior Design. I** Three hours.
Problems of designing and furnishing the home. Considers traditional backgrounds and contemporary development. PR, 141. Miss Rhodes.

* Prerequisites are for students majoring in Art.

BIOLOGY

Mr. Davisson and Staff

101. **Introduction to Biology. I** Three hours.
This course and the one following constitute a year's study of the biological principles governing living things with particular emphasis on their human implications. The approach of this course was designed especially for teachers in elementary and secondary schools by a state committee of college teachers of biology. Mr. Davisson.

102. **Introduction to Biology. II** Three hours.
Continuation of 101. PR, Biol. 101. Mr. Davisson.

340. **General Ecology. I, II** Four hours.
Mr. Roberts.

380. **Introduction to Genetics. II** Three hours.
Elementary studies of the principles of heredity. PR, Biol. 101-102, or equivalent. Mr. Davisson.

480. **Principles of Evolution** Two hours.
PR, Biol. 101-102, or equivalent. Mr. Davisson.

BOTANY

Mr. Roberts and Staff

122. **Characteristics of Materials. I** Two hours.
A course in the identification of the various materials used in industry.

124N. **Microbiology. I** Three hours.
Open only to students of the Fairmont General Hospital School of Nursing.

201. **General Botany. I** Four hours.
Preliminary to all advanced courses in Botany.

202. **General Botany. II** Four hours.
Continuation of 201.

230. **Systematic Botany. II** Two-three hours.
Identification of seed plants.

310. **Plant Physiology. I** Two-four hours.

312. **Garden Materials. II** Two-three hours.
Materials, methods, and fundamentals of home landscaping.

314. **Plant Geography. I** Two-three hours.
The geological and environmental factors that influence the distribution of plants over the earth.

316. **Economic Botany. I** Three hours.

324. **Bacteriology. II** Three hours.

330. **Field Botany. II** Two-four hours.

340. **Algae and Fungi. I** Four hours.

342. **Plant Ecology. I** Four hours.

361. **Plant Histology. II**
Techniques in the preparation of materials.

371. **Plant Anatomy. II** Two-four hours.

400. **Mosses and Ferns. I** Three-five hours.

415. **Problems Course. I, II** Two-five hours.
Advanced work on special phases of Botany.

BUSINESS, ECONOMICS AND RETAILING

BUSINESS

Mr. Jaynes, Mr. Potesta, Mr. Lucas, and Staff

102. **Introduction to Business. II** Three hours.

An introduction to the various fields of business to acquaint the student with the basic principles of each field and to prepare him for the advanced courses in the several fields. It provides the student, early in his college training, with the information concerning the advanced courses to aid in choosing his major studies. Staff.

201. **Principles of Accounting. I** Three hours.

Fundamental bookkeeping procedures. Organization of accounts, journalizing, and posting, expense and revenue accounts, adjustmets and closing procedures, and the preparation of financial statements. The theory of debits and credits. Staff.

202. **Principles of Accounting. II** Three hours.

Continuation of 101, introducing accounts peculiar to partnerships and corporations. PR, Bus. 201. Staff.

203. **Accounting for Small Business.** Three hours.

A basic course designed to acquaint business men and industrial personnel with the fundamental bookkeeping and accounting practices. Attention will be directed to the reading and interpretation of financial statements and ledgers to facilitate effective business management and control. Mr. Larkin.

205. **Salesmanship. I, II** Three hours.

Also listed as Ret. 205. Staff.

210. **Accounting for Engineers. II** Two hours.

A course intended for pre-engineering students planning to complete their work at West Virginia University. Its emphasis is on the basic principles of accounting and the theory of cost accounting. Staff.

211. **Business Correspondence. I** Two hours.

A study of the vocabulary and technique of business writing. Correct English usage in modern business forms and letters. PR, Eng. 102, 104. Staff.

301. **Advanced Accounting. I** Three hours.

Interpretation and use of accounting data. A consideration of the evaluation of assets, depreciation, appraisal and depletion of fixed assets; intangibles; current, contingent, and fixed liabilities; capital stock surplus, and reserves. PR, Bus. 201, 202. Mr. Potesta.

302. **Advanced Accounting. II** Three hours.

Continuation of 301. Valuation of accounts, working capital, profits and loss analysis, comparative statements, and source and application of funds. PR, Bus. 201, 202, 301. Mr. Potesta.

306. **Business Law. I** Three hours.

The principal laws applicable to business. Fundametnals of the law of contracts, agency, negotiable instruments, sales, partnership, corporations and the legal basis of property as applied to business situations. Mr. Potesta.

307. **Business Law. II** Three hours.

Continuation of 306. Mr. Potesta.

308. **Personnel Management. II** Three hours.

A study of the field of personnel management and industrial relations including its background, development, job analysis, description and classification, selection, training, wage plans, collective bargaining, personnel records, and research. Mr. Jaynes.

309. **Industrial Organization and Management. I** Three hours.

A study of the problems of the organization and management of an industrial plant, including the selection of plant location, factory buildings, plant layout, power, heat, light, purchasing, etc. Mr. Jaynes.

310. **Statistics. I** Three hours.

The course includes computation of statistical measurements, methods of collecting and analyzing data, and the interpreting of results. Mr. Jaynes.

312. **Principles of Insurance. II** Three hours.

A course designed to acquaint the student with the various types of insurance, both personal and business, to better prepare him to make his own insurance plans as well as to inform him concerning the many types of insurable risks. Mr. Jaynes.

314. **Office Management. II** Two hours.

The study of office management principles. Analysis of office procedures, filing, transcribing, correspondence, reports, business machine operating and forms. The application of personnel management techniques to office management; office organization, office layouts. Staff.

320. **Principles of Advertising. II** Three hours.

Also listed as Jour. 320. Staff.

401. **Business Finance. I** Three hours.

A study of the principles, practices, and business forms used in financing modern corporations and other business. PR, Econ. 201, 202; Bus. 201, 202. Mr. Jaynes.

402. **Production Management. II** Three hours.

The principles of economics applicable to production. The principles of scientific management. Incentives in production and incentive plans. Wages and wage rate determinations. Job analysis. Psychological motives in labor supervision and production. Plant layout and organization. Departmental setups. Planning production. Industrial engineering principles. Management principles in production. PR, Econ. 201, 202, 302; Bus. 201, 202, 302, 304, and 306. Mr. Jaynes.

403. **Business and the State. I, II** Three hours.

A general study of the relationships between private business and government, and the social implications thereof. No prerequisite. Staff.

404. **Cost Accounting. I** Three hours.

Elements and methods of cost finding. Methods of collecting and recording the costs of material, labor, and overhead. Cost control as applied to various subsidiary ledgers and perpetual inventory. PR, Bus. 201, 202, 301, and 302. Mr. Potesta.

405. **Auditing. II** Three hours.

Duties and responsibilities of auditors; methods of verification of balance sheet and profit and loss accounts; working papers and schedules, audit reports and certificates. PR, Bus. 201, 202, 301, 302, 404. Mr. Potesta.

406. **Federal Income Tax Accounting: Individual. I** Three hours.

Preparation of income tax returns from the accounts of an individual; exclusions and inclusions for gross income, capital gains and losses, business expenses and other deductions. Mr. Potesta.

407. **Federal Income Tax Accounting: Partnership and Corporation. II** Two-three hours.

Continuation of 406, including preparation of income tax returns from accounts of partnerships and corporations. PR, Bus. 406. Mr. Potesta.

408. **Payroll Accounting.** Two hours.

A study of accounting procedure and technique for payrolls, particularly involving the Social Security Act, Federal Withholding Tax Act, and Unemployment Compensation Act. PR, Bus. 201, 202, 301, 302. Mr. Potesta.

409. **Municipal Accounting** Two hours.

Principles of governmental accounting and fiscal administration; accounting for funds; revenues and expenditures; assets ad liabilities; and federal accounting. PR, Bus. 201, 202, 301, 302. Mr. Potesta.

410. **Investments. II** Three hours.

A study of the principles of investment procedures and practices to follow in investing money. Included in the course are the following: methods of statistical analysis; types of investment securities; sources of information; municipals; governments; investment trusts; the stock markets, etc. Mr. Jaynes.

ECONOMICS

Mr. Jaynes, and Staff

101. **American Business and Industrial. I** Three hours.

The student is required to read a business journal daily in order to better acquaint himself with the present state of American business and some of the problems facing the businessman. A text covering the development of some of the principal industries of America is assigned reading. Each student is given the opportunity of viewing a number of films picturing present day industrial processes. Mr. Jaynes.

201. **Economic Principles and Problems. I** Three hours.

Fundamental economic concepts with exercises in solving elementary problems. National income and the employment of resources. The monetary process. Prices and the allocation of resources. (This course should be selected by economics and business majors or by non-majors who need at least 6 hours of economics and who will continue with Economics 202. Mr. Jaynes.

202. **Economic Principles and Problems. II** Three hours.

Distribution of economic factors of production. Management and control of economic resources. Government finances. International economics. Personal distribution and uses of income. Types of economic systems. As in the first semester, these topics will be supplemented with exercises in the solution of elementary problems. PR, Econ. 201. Mr. Jaynes.

230. **Economics for Engineers and Non-Majors. I** Three hours.

This course is planned for those students who possess only a general interest in the field of economics. It deals with basic facts, concepts, and relationships necessary to undertanding our economy. (This course should be selected by those students who need only 3 hours of economics. If at least 6 hours are needed, the student must select Econ. 201 and 202. This course is **NOT** a substitute for either of them. This course should not be selected by economics and business majors.) Staff.

302. **Economics of Labor. I** Three hours.

Labor economic theory. Wage theory. Labor unions. Union organization and tactics. Union weapons. Employer weapons and tactics. Strikes.

Labor and social legislation. Labor history. Government and labor. PR, Econ. 201, 202. Mr. Jaynes.

303. **Money, Credit and Banking. I** Three hours.

An intensive study of money and credit principles with an analysis of their effects upon prices. History of money. History of banking. Banking principles and practices. PR, Econ. 201. Mr. Jaynes.

304. **Business Cycles. II** Three hours.

A study of the nature, causes, and control of business fluctuations. Includes an analysis of time series; measurement and description of cycles; analysis of numerous explanations of cycles; methods of controlling the cycle through monetary management, public works, consumption, price and wage policies. Staff.

305. **Economic Principles. I, II** Three hours.

This course is planned for those students who possess only a general interest in the field of economics. It deals with basic facts, concepts, and relationships necessary to understanding our economy. (This course should be selected by those students who need only 3 hours of economics. If at least 6 hours are needed, the student must select Econ. 201 and 202. This course is **NOT** a substitute for either of them. This course should not be selected by economics and business majors.) Staff.

307. **Consumer Economics. I** Three hours.

A study of the problems a consumer must face in his or her day-to-day buying and living. It includes a brief survey of budgets, life insurance, investments, managing personal finances, buying services, and other problems of the consumer. While primarily intended for non-majors, it may be taken by majors. Staff.

402. **Public Finance. II** Three hours.

A study of the principles of taxation. The fiscal organization of the federal, state, and local governments with past and present fiscal practices. PR, Econ. 201, 202; Bus. 201, 202. Staff.

403. **International Economics. I** Three hours

The principles and practices of international trade. The tariff and reciprocal trade relations. International investments. Imperialism. The economic basis for international relations. PR, Econ. 201, 202. Staff.

404. **Comparative Economic Systems. I** Two hours.

An analysis of the basic economic principles and concepts of capitalism, socialism, communism, fascism, cooperativism. PR, Econ. 201, 202. Staff.

405. **History of Economic Thought. II** Two hours.

A study of economic thought from the beginning of time through the Greeks and Romans, medieval thought, mercantilists, Adam Smith, Ricardo, Mill and Marshall, Austrian school, German thinkers, and various American economists and schools of thought. PR, Econ. 201, 202. Staff.

406. **Guided Economic Study. I, II** One-two-three hours.

Intensive reading, research, and study in current literature and documents in regard to a selected economic problem or group of problems. The field of study will be one in which the student has a special interest. All work will be done individually and the class will be conducted by conferences with each student. PR, 18 hours of Economics; 30-34 hours in Economics, Business and Social Science courses. Staff.

407. **Advanced Economic Problems. II** Two hours.

A course especially designed for seniors who are to graduate in the year in which the course is taken. Its purpose is to give the student a final review of the basic principles as applied to present day economic problems. Staff.

462. **Introduction to Methods of Research and Bibliography. II** Three hours.
It is the purpose of this course to give the student some training in the science of research and bibliography. Staff.

RETAILING AND DISTRIBUTIVE EDUCATION

RETAILING

Mr. Lucas and Staff

103. **Fashion Fundamentals (Formerly Ret. 314)** Two hours.
Same as Home Economics 103, Principles of Clothing Selection. Mr. Lucas.

204. **Retail Accounting.** Three hours.
The fundamentals of accounting procedure as applied to retail store operation. PR, Bus. 201. Mr. Lucas.

205. **Salesmanship.** Three hours.
A study of techniques appropriate to personal selling, both retail and contact. Students are given opportunities to construct and give sales presentations. Mr. Lucas.

210. **Merchandise Information Textiles.** Three hours.
Same as Home Economics 210. Miss Hall.

211. **Merchandise Information: Non-Textiles.** Three hours.
Same as Home Economics 312. Freshman students must obtain permission of the instructor to enroll.

212. **Merchandise Information: Foods.** Three hours.
Will be offered by the Home Economics Department on demand. Course consists of a study of meats, dairy products, fresh, fresh-frozen, canned goods, and packaged groceries.

291-292. **Lettering, Layouts, and Window Display.** Three hours.
Same as Art 291-292, Commercial Art.

300. **Principles of Retailing. (Formerly Ret. 105-106).** Three hours.
A study of the structure, principles, function, and importance of retail institutions. A basis is established for advanced study of the technical aspects of operation of retail institutions. PR, Bus. 304. Mr. Lucas.

304. **Principles of Marketing. (Formerly Bus. 304).** Three hours.
A study of those business activities necessary to effect transfers in the ownership of goods and to provide for their physical distribution. PR, Econ. 201, 202 or consent of instructor. Mr. Lucas.

305. **Store Organization and Management.** Three hours.
A study of the basic principles and accepted practices of successful store organization. Attention is given to store location and layout, expenses, receiving procedure, packing and delivery, customer complaints, store protection, and the managing of employees. PR, Ret. 300. Mr. Lucas.

306. **Merchandising.** Three hours.
Collection, analysis, and planning of merchandising figures in the buying of merchandise for resale. Profit, pricing, and inventories are planned for the retail store. PR, Ret. 300. Mr. Lucas.

320. **Interior Decoration.** Two hours.

Same as Home Economics 320, Home Furnishing. Retailing students take the last nine weeks of the course. Students are given experience in the selection and arrangement of furnishings. Experience in planning and in texture, pattern, and color arrangement. Miss Hall.

350. **Supervised Experiences in Merchandising.** One-three hours.

Supervised experience in the selling of merchandise at retail. One hundred-twenty clock hours of supervised store experience are required for each semester hour of credit. Maximum credit obtainable is 3 semester hours. A weekly seminar is required in addition to store work. PR, Ret. 205 and permission of instructor. Mr. Lucas.

352. **Supervised Experience in Store Management. (Formerly 306a)**

One-three hours.

Student works in a management capacity in The Big Nickle, Inc. Experience is obtained as Sales Manager, Store Manager, Comptroller, Research Director, and General Manager. One hundred-twenty hours of supervised store experience is required for each semester hour of credit. Maximum credit, 3 semester hours. A weekly seminar is required in addition to store work. PR, Ret. 305, 306 and permission of instructor. For Comptroller: accounting experience suitable to instructor. Mr. Lucas.

353. **Evaluated Experience in Retailing.** One-four hours.

Student must be employed full time in a position acceptable to his supervisor. One semester hour of credit, up to a maximum of four semester hours, will be granted for each 320 clock hours of work. Upon the completion of the employment period the student will evaluate his experience by means of written reports and conferences with the instructor. PR, Ret. or Bus. Ed. major and permission of instructor. Mr. Lucas.

410. **Small Business Operation.** Three hours.

Designed to help the beginning retailer off to a good start. Problems of financing, organization, locating, arranging, and operating a small retail store are discussed with emphasis on modern techniques and procedures. PR, courses or experience in each of the following: Store Management, Merchandising, Sales Promotion, Retail Store Accounting. Mr. Lucas.

411. **Buying for Retail Store.** Two hours.

Covers the functions and duties of a buyer for resale. PR, Ret. 300.

Mr. Lucas.

412. **Retail Merchandise Control** Two hours.

The planning and control of markdowns, stocks, and expenses. PR, Ret. 306 and Retail Accounting. Mr. Lucas.

DISTRIBUTIVE EDUCATION

Staff

401. **Organization and Administration of Distributive Education. I.** Two hours.

A basic course in the purpose, objectives and philosophy of distributive education, with special emphasis on the West Virginia state plan. Methods used in initiating, organizing, and promoting classes engaged in distributive occupations will be stressed.

402. **Coordination and Supervision in Distributive Education. II.** Two hours.

Methods for working with store managers for the purpose of placing students on jobs, giving them well-rounded experience, and evaluating their work are treated in this course. Attention is given to supervision of students at work by the teacher coordinator, and to the conduct of personal interviews to help students become adjusted to actual business requirements.

403. **Development of Instructional Materials. II.** Two hours.

Gathering and organizing instructional materials for use in distributive education classes will constitute the main part of this course. The particular problems of making the instruction supplemental to the daily needs of the student worker will be emphasized. Actual construction of a complete curriculum and teaching outlines will be included in the course.

CHEMISTRY

Mr. Ward, Mr. Haught, and Staff

101. **General Chemistry. I** Four hours.

102. **General Chemistry. II** Four hours.
PR, Chemistry 101.

107N. **Chemistry for Nurses.** Three hours.

201. **Qualitative Analysis. II** Four hours.
PR, Chemistry 101, 102.

240. **Quantitative Analysis. I** Four hours.
PR, Chemistry 101, 102

241. **Quantitative Analysis. II** Four hours.
PR, Chemistry 101, 102

301. **Organic Chemistry. I** Four hours.
PR, 16 hours of Chemistry.

303. **Organic Chemistry. II** Four hours.
PR, Chemistry 301.

ECONOMICS

(See page 76.)

EDUCATION

Mr. Howard, Mr. Taylor, Mr. Collins, Miss Copeland, Mrs. Willard, Mrs. Wheat, and Staff.

202. **Human Growth and Development. I, II** Three hours.

The aim of this course is to develop an interest in and an understanding of the child as a developing personality. Laboratory and field work are required Staff.

203. **Human Growth and Development. I, II** Three hours.

This course emphasizes learning as a means of growth and development. Laboratory and field work are required. PR, Ed. 202. Mr. Taylor.

226. **Primary Methods. I** Three hours.

This course includes three semester hours of primary methods covering grades 1-3. It is designed to provide for the needs of students preparing for the Third-Class Elementary Certificate and for Curricula B and C certification. Mrs. Willard.

250. **Observation and Directed Teaching: Third Class Elementary Certificate. I, II** Three hours.

Student teaching must be on two levels; primary, and intermediate or upper grade level. PR, Ed. 202, 203. 226. Mrs. Willard.

306. **Tests and Measurements in the Public Schools. I** Two hours.

The two-fold purpose of this course is to acquaint the prospective teacher with the principles of measurement and evaluation; and to give definite instruction and practice in test construction and use. PR, Ed. 202, 203. Mr. Howard.

324. **Organization of the West Virginia School System and the Program of Study for the Elementary Schools. I** Two hours.

The State School System is surveyed, and the State Elementary Course of study is examined. Mr. Howard.

325. **Human Adjustment. I, II** Three hours.

The development of a normal personality and the prevention of maladjustments are emphasized. PR, Ed. 202, 203. Mr. Howard.

336. **Advanced Elementary Methods. II** Three hours.

A study will be made in this course of child growth and learning in grades four to eight. Observation of teaching is required. PR, Ed. 226. Mrs. Willard.

341. **Techniques in Diagnostic Reading. I** Two hours.

This course is specifically designed to train prospective teachers to teach reading in grades 1-12 inclusive, and to give students experiences in diagnosing various types of reading difficulties or deficiencies. It will consist of observations, demonstrations, discussion, and laboratory work. Mrs. Wheat.

395. **Survey of Guidance. I, II** Two hours.

Principles of educational, vocation, and personal guidance are examined. Guidance techniques are studied. PR, Ed. 202, 203. Miss Copeland.

420. **Observation and Directed Teaching: Curriculum B. I, II** Two-six hours.

Student teaching must be on two levels. PR, Ed. 202, 203, 226, 336. Mrs. Willard.

422. **Integrated Methods: Curriculum C. II** Three hours.

A study of materials and methods suitable for grades four through twelve. As far as conditions permit this course is integrated with observation and directed teaching. PR, Ed. 202. 203. Mrs. Wheat.

424. **Audio-Visual Aids. II** Two hours.

Techniques of effective use of graphic materials, unprojected pictures, objects, specimens, models, field journeys, projected pictures, and audio aids. Required laboratory work includes operation and sound motion picture projectors, slide film, and opaque projectors, and phono-transcription audio equipments. Staff.

425. **Observation and Directed Teaching: Curriculum C. I, III** Six hours.

A minimum of two consecutive hours must be reserved for this course. Observation and student teaching are required on three levels: Primary, intermediate or upper grade (including junior high), and senior high school. Enrollment during two semesters will be required to earn six hours. PR, Ed. 202, 203, 226, 325, 422. Mrs. Wheat.

431. **Materials and Methods. I, II** Two hours.

A course in special methods. Chairmen of departments of subject matter fields requiring unique and special methods may offer this course in cooperation with the Department of Education after securing the approval of the Chairman of the Department of Education. PR, 202, 203, 432.

432. Principles and Methods of Teaching in the Secondary School. I, II Four hours.

A survey of the basic principles of learning and of the techniques of teaching in the secondary school. Observation in the public junior and senior high schools is required. PR, Ed. 202, 203, 325, 395. Mr. Collins.

450. Observation and Directed Teaching: Curriculum A. I, II Six hours.

One-half day should be reserved for this course. Observation and student teaching is generally required in two areas of concentration or teaching fields. PR, 202, 203, 325, 395. Mr. Collins.

455. Philosophy of Education. I Two hours.

This course undertakes the exposition of some of the classic philosophies of education for the assistance they may give in the solution of the problems of our democratic society. Mr. Howard.

460. Current Trends in Education. I, II Var. Cr.

This is a technical course for advanced students who are interested in doing research in specific education problems. Staff.

ENGINEERING

(See page 98.)

ENGLISH

Mr. Weihe, Miss Tate, Mrs. McCarty, Mr. Opp, Mr. Rhodes, and Staff

102c. English Fundamentals. I, II. Three hours.

A requirement for all students who fail to meet certain minimum standards in a placement test. Affords elective credit and eligibility to 102b, or, with achievement satisfactory to the department, to 104. Staff.

102b. First Year Written and Spoken English. I, II. Three hours.

College-level training in writing and speaking good English, including a short review of grammar, sentence structure, and punctuation; attention to the organization and development of thought, both in student compositions and in expository reading material; guidance in the use of reference books. Staff.

102a. First Year Spoken and Written English. I, II. Three hours.

A course for those achieving the highest score in the placement test. An advanced program in reading, speaking, and writing leading to an understanding of English as a medium of communication. Staff.

104. First Year Written and Spoken English. II. Three hours.

A continuation of English 102, with emphasis on reading for implication and critical evaluation; further writing projects, including a research paper. Staff.

English 102 and 104 are prerequisite for all English courses numbered 200 or above.

202. Study and Appreciation of English Literature. I, II. Three hours.

The formulas of literary criticism applied to selections representing types and forms in this literature. Mr. Weihe, Mrs. McCarty, and Staff.

204. Study and Appreciation of American Literature. I, II. Three hours.

A concentrated study of poetry and prose representing types and forms in this literature. Included are such authors as Emerson, Thoreau, Hawthorne, Poe, Twain, Whitman, James, Sandburg, Hemingway, Faulkner, Frost, Cather, Dreiser. Miss Tate and Staff.

English 202 and 204 are prerequisite for all English courses numbered 300 or above, unless such courses are indicated as exceptions.

207. **Backgrounds of Literature. I.** Three hours.

A survey of literature desirable for children; development of principles of selection and standards of evaluation; wide acquaintance with current books. Miss Tate.

208. **Second Year Written and Spoken English. II.** Three hours.

Development of ability to communicate in clear, effective, correct English, with emphasis on preparation and delivery of representative types of speech. PR, English 102, 104. Staff.

302. **Narrative and Descriptive Writing. I** Two hours.

Practice in writing the simpler forms of fiction and personal narrative with descriptive detail. Miss Tate, Mr. Rhodes.

311. **Poets of the Romantic Period. I** Three hours.

A concentrated study of representative poems of Burns, Wordsworth, Coleridge, Byron, Shelley, and Keats. Mr. Rhodes.

312. **Poets of the Victorian Period. II** Three hours.

A concentrated study of representative poems of Tennyson, Browning, Rossetti, Arnold, and Swinburne. Mr. Rhodes.

313. **Shakespeare. I** Two hours.

A study of representative comedies. Mr. Rhodes.

314. **Shakespeare. II** Two hours.

A study of representative tragedies. Mr. Rhodes.

315. **The English Essay. I** Three hours.

Critical readings in representative English essayists. Miss Tate, Mr. Opp.

316. **The American Essay. II** Three hours.

Critical readings in representative American eassayists. Miss Tate, Mrs. McCarty.

317. **Word Study. I or II** Two hours.

A course in the study of the origins and developments of the English vocabulary. Mr. Weihe.

318. **Modern Drama. II** Three hours.

The history of the British drama and the study of modern dramas—Continental, British, and American—from Ibsen to the present time. Miss Tate.

321. **A Study of the English Language. I** Three hours.

Word history and analysis; diction; descriptive grammar and constructions; fundamentals of composition. PR. English 102, 104. Required of all prospective teachers of English. Miss Tate.

322. **The Modern Short Story. II** Two hours

A critical study of this art form as a representation of dramatic motivation in human experience, based upon the work of British, Continental, and American authors. Mr. Weihe, Mr. Opp.

324. **The Modern Novel. I** Three hours

An historical and critical study of great British and American novels of the nineteenth century. Mr. Opp.

325. **The Modern Novel. II** Three hours.

An historical and critical study of great British and American novels of the twentieth century. Mr. Opp.

328. **The Current Scene in Literature. I** Two hours.

A course showing present-day attitudes as reflected in the work of American and foreign writers. Mr. Weihe.

329. **The Current Scene in Literature. II** Two hours.

A continuation of the preceding. Mr. Weihe.

330. **The Old Testament as Literature. I** Three hours.

A study of the literary types and content of the Old Testament. Formerly Eng. 223. Mr. Rhodes.

331. **The New Testament as Literature. II** Three hours.

A study of the literary types and content of the New Testament. Formerly Eng. 224. Mr. Rhodes.

341. **Survey of World Literature. I** Three hours.

A study in translation of some of the great writers of the world, exclusive of English and American; from Homer through Dante. PR, English 102, 104. Mr. Weihe.

342. **Survey of World Literature. II** Three hours.

A continuation of 341 covering the period from the Renaissance to modern times. PR, English 102, 104

351. **Survey of English Literature. I** Three hours.

A study of the mind and temper of the English people as seen in their literature from Beowulf to the Romantic Movement. Mr. Opp.

352. **Survey of English Literature. II** Three hours.

A continuation of 351 through the nineteenth and early twentieth centuries. Mr. Opp.

361. **Survey of American Literature. I** Three hours.

An historical study of the American mind as expressed in literature from Colonial times to Hawthorne. Mr. Weihe, Miss Tate.

362. **Survey of American Literature. II** Three hours.

A continuation of 361 to the literature of present time. Mr. Weihe, Miss Tate.

371. **Folk Literature. I** Three hours.

A survey course whose chief focus is on the study of ballads in the great collection of F. J. Child; but kindred material is also studied and collected; superstitions, hymns, riddles, stories, and songs. Miss Musick.

403. **Study and Appreciation of English Literature. I** Three hours.

A course set up on a temporary basis to assist students in transferring from other curricula to Curriculum C. Staff.

404. **Study and Appreciation of American Literature. II** Three hours

A course set up in the same manner as 403 to assist students in meeting Curriculum C requirements. Staff.

413. **Expository Writing. II** Two hours.

Study and practice of the various kinds of expository writing, with special emphasis upon the skilled production of research papers. Mr. Rhodes.

418. **English Drama, Exclusive of Shakespeare, Through the Eighteenth Century. I** Three hours.

A close study of representative types of English drama, excepting that of Shakespeare, from the beginnings to the nineteenth century. Such playwrights as Marlowe, Webster, Jonson, Lyly, Beaumont, Fletcher, Goldsmith, Congreve, Sheridan are studied. Miss Tate.

FRENCH

Miss Terry

101. **Elementary French. I** Three hours.

Pronunciation, early reading for comprehension of easy prose, elements of grammar, oral and written drill and composition. No credit is given for French 101 without 102.

102. **Elementary French. II** Three hours.

Continuation of 101. One year of high school French is also considered as a satisfactory prerequisite for this course.

201. **Second Year French. I** Three hours.

Reading, grammer and conversation. PR, 101, 102, or two years of high school French.

202. **Second Year French. II** Three hours.

Pronunciation, grammar, reading and conversation. PR, 201.

301. **Literature of the Seventeenth Century. I** Three hour.s

Reading of the plays of Corneille, Racine, and Moliere, with outside reports from other writers. PR, two years of College French or equivalent.

302. **Literature of the Eighteenth Century. II** Three hours.

Especial emphasis on the writings of Rousseau and Voltaire with outside readings on the other writers. PR, same as for 301.

308. **French Conversation. I** Two hours.

309. **Advanced Grammar and Composition. I** Three hours.

310. **French Conversation. II** Two hours.

421. **Nineteenth Century Literature to 1850.** Three hours.

Emphasis on Hugo, Balzac, Chateaubriand.

422. **French Literature Since 1850. II** Three hours.

A continuation of 421.

431. **French Civilization and Culture. I** Three hours.

PR, 12 hours of French, or equivalent.

GEOGRAPHY

Staff

104. **World Regional Geography. I** Three hours.

The subject matter is integrated to give brief consideration to the major world regions, introducing fundamental principles in a culture world approach.

204. **World Economic Geography. II** Three hours.

Relationship of the production of goods and services to the natural landscape; resource content and human activity in the various regions of the world; the economic activities of man in their physical and cultural setting. Staff.

305. **World Political Geography. I** Three hours.

The state and its areal expression; type and functional classification of the present divisions of the world; factors in delimitation of states; evolution of the present nation-states system; areal aspects and problems of super-state organization.

314. **Plant Geography. I, II** Two-three hours.

The geological and environmental factors that influence the distribution of plants over the earth. Mr. Roberts.

320. **Meteorology and Climatology. II** Two-three hours.

The elements of weather and climate. Mr. Roberts.

330. **Wise Use of Natural Resources. II** Three hours.

The problems of availability, production, exploitation, appraisal, distribution, and renewability of natural resources. Resources exhaustion and the national and international problems it has created and will create. Mr. Roberts.

GEOLOGY

Mr. Roberts

302. **Historical Geology. I, II** Two-three hours.

Origin and geologic history of the earth and the evolution of its animal and plant inhabitants; pre-history as revealed in the rocks of the earth's crust.

GERMAN

Mr. Halley

101. **First Year German. I** Three hours.

102. **First Year German. II** Three hours.

PR, 101, or one unit of high school German.

201. **Intermediate German. I** Three hours.

Reading, composition, conversation. PR, 102, or equivalent.

202. **Intermediate German. II** Three hours.

Reading of texts which give background to German history, customs, and culture; composition; lifelike conversation. PR, 201, or equivalent.

HEALTH

(See page 108.)

HISTORY

Mr. Lindley, Mr. Moore, and Staff

111. **Development of Social Institutions. I** Three hours.

This course is designed to give the student an understanding of the processes by which our social institutions have attained their present status. By social institutions is meant government, economic development, religion, culture, education, and human relations in general. Staff.

112. **Development of Social Institutions. II** Three hours.

Continuation of 111. Staff.

205. **Contemporary Affairs. I** Two hours.

A study of the United States contemporary affairs in their world setting. Staff.

207. **A Survey of the United States History. I. (1607-1865)** Three hours.

Part I—A survey of the United States history from the European background to the Civil War. Mr. Moore.

208. **A Survey of the United States History. II. (1865-1952)** Three hours.

Part II—A continuation of History 207. Mr. Moore.

221. **Modern Europe. I** Three hours.

Part I.—Early modern culture, the Reformation and the rise of the national state system, the economic revolutions, the French revolution, and democracy and nationalism in the 19th century. Mr. Lindley.
221-222.

222. **Modern Europe. II** Three hours.

Part II—International conflict and world order, modern and contemporary culture. Mr. Lindley.

302. **History of West Virginia. I, II** Three hours.

The geography, history and government of West Virginia considered as a unified study of a region. Mr. Moore.

304. **United States and Latin America. II** Three hours.

A study of the United States in relation to Latin American affairs. Emphasis is on United States-Latin American relations from the Monroe Doctrine to the present. Staff.

306. **History of Latin America. I** Three hours.

A survey of the history of Latin America from the conquest to the present. Mr. Lindley.

307. **English History. I** Two hours.

The story of England to the 18th century. Mr. Lindley.

308. **English History. II** Two hours.

England from the 18th century to the present. Mr. Lindley.

312. **Diplomatic History of the United States. I. (1776-1898)** Three hours.

The objective of the course is to achieve an understanding of the development of basic American concepts in the field of foreign relations and the conditions which shaped them.

313. **Diplomatic History of the United States. II. (1898-1952)** Three hours.

The objective of the course is to ascertain how world power status forced modification of earlier policies and led to American cooperation in multi-lateral efforts to achieve world peace and stability.

315. **Colonial History of the United States. I** Two hours.

A detailed study of the European background of United States history and the political, social and economic developments through the Revolutionary War. Staff.

316. **Jeffersonian and Jacksonian Democracy. II** Two hours.

A detailed study of United States history from the Revolutionary War to 1840 with special emphasis on the origin and development of the Federal consitution and Jeffersonian and Jacksonian Democracy. Staff.

317. **History of the South. I** Three hours.

An intensive study of the problems and significance of the South as an integral part of the United States history from colonial times to the present. Staff.

318. **Westward Movement** Three hours.

A detailed study of the problems and significance of the westward movement in the United States from colonial times to the present. Mr. Moore.

320. **Social and Economic History of the United States.** Three hours.

A survey of the social and economic history of the people of the United States.

330. **An Interpretation of American Democracy. I, II** Three hours.

A study of the development of American democracy in world perspective from colonial times to the present. Mr. Moore.

401. **Reconstruction and National Development.**

402. **Contemporary Europe. I** Three hours.

An intensive study of the contemporary period of international conflict and the struggle for world order and stability. PR, History 111-112 or 221-222. Mr. Lindley.

408. **Growth of the American Nation, 1492-1865. I, II** Three hours.

A comprehensive study of U. S. history with special attention to the background and development of the Federal Constitution. Staff.

409. **Growth of American Democracy, 1865-Present. I, II** Three hours.

A detailed study of U. S. history with emphasis placed on the development of democratic institutions and the background of present social and economic problems. Staff.

410. **United States Since the First World War. II** Three hours.

An intensive study of the history of the United States from the First World War to the present. This course does not serve as a part of any U. S. history survey. Staff.

421. **History of Russia.** Two hours.
Mr. Lindley.

422A. **Recent History of the Far East.** Two hours.

China and Japan. Mr. Lindley.

422B. **Recent History of the Middle East.** One hour.

India and Indonesia. Mr. Lindley.

425. **Great Issues in Our Times.** Two hours.

460A. **Guided Historical Study. I, II** One-two hours.

Intensive reading and study about a selected subject in the field of American history. Staff.

460B. **Guided Historical Study. I, II** One-two hours.

Intensive reading and study in the field of European history. Mr. Lindley.

462. **Introduction to Methods of Research and Bibliography.** Three hours.

It is the purpose of this course to give the student some training in the science of research and bibliography. Staff.

TRAVEL EDUCATION COURSES

(311, 311a, and 311b are travel education offerings on Mexico, all historical in treatment.)

311. **History of Mexico.** Three hours.
Mr. Lindley.

311A. **Mexican Economy and Society.** Three hours.
Mr. Lindley.

311B. **Mexican Education.** Three hours.
Mr. Lindley.

HOME ECONOMICS

Miss Hall, Mrs. Hess, and Staff

101. **Elementary Clothing. I** Two hours.

Principles of construction which provides experience in the use of patterns, construction processes, and fitting problems through making sport, school, and street clothes. Miss Hall.

102. **Clothing Selection and Construction. II** Three hours.

The application of principles of line, color, texture, and pattern to the selection and construction of tailored and afternoon clothing. Miss Hall.

103. **Principles of Clothing Selection. I** Two hours.

A study of color, texture, pattern, and line in relation to clothing the individual. Experiments in color harmony, figure analysis, design analysis, and wardrobe planning. Miss Hall.

110N. **Foods and Nutrition for Nurses. I** Three hours.

The food requirements of an adequate diet for normal individuals. Calculation of the nutritive value of recipes and the planning of diets to meet specifications. Food preparations suitable for liquid, soft and light diet. Mrs. Hess.

201. **Elementary Foods. I** Three hours.

Application of recent theories of food preparation as they affect the nutritive value, flavor and appearance of food. Preservation and use of available foods. PR, Chem. 101 and 102 or consent of instructor.

202. **Advanced Foods. II** Three hours.

Continuation of Home Economics 201; also meal service with emphasis on cost in time and money. Mrs. Hess.

210. **Textiles. I** Three hours.

Development of an understanding of the effect of fiber content, construction, and finish on the quality, serviceability, care, and cost of clothing and household fabrics. Miss Hall.

230. **Handcrafts. II** Two-three hours.

Practical leisure activities for constructing both useful and beautiful accessories for wardrobe and home. Weaving, hooking, stenciling, crocheting, stitchery, knitting, etc. Miss Hall.

302. **Meal Management.** Three hours.

Meal preparation and table service from the viewpoint of economy of time, effort and money. A variety of meals will be prepared and served—family, buffet, brunch, coffees. The course is designed especially for non-majors in the field. Mrs. Hess.

303. **Nutrition. I** Three hours.

The six food nutrients—characteristics and functions in the normal diet of adults and children. Nutritive value of raw and cooked foods. Calculation of dietaries and preparation of exhibits. PR, H. E. 201, 202. Open to non-majors by consent of instructor. Mrs. Hess.

305. **Nutrition in the Public Schools.** Three hours.

Essential nutrition information for the teacher in the public school. Materials and methods of presenting nutrition facts to children. The federal school lunch program as an integral part of the school program. Mrs. Hess.

307. **Family Clothing. I** Two hours.

The selection and construction of clothing for various members of the family from the physiological, economic, aesthetic, and psychological standpoint. Special consideration will be given to renovation problems and clothing for children. Miss Hall.

310. **Family Life Education. I, II** Two hours.

Accepted facts and desirable attitudes for building personality directed toward good human relationships within the family. Mrs. Hess.

312. **Consumer Education. II** Three hours.

How to select large and small household consumable goods, such as silver, china, glass, cosmetic and electrical appliances. Source materials which provide consumer information; the consumer movement and legislation for consumers. Open to men and women. Mrs. Hess.

315. **Home Management. II** Three hours.

A study of the management of family resources; human, financial, mechanical. Miss Hall, Mrs. Hess.

320. **Home Planning and Furnishing. I** Four hours.

A study of the location and construction of the modern home from the scientific, sanitary, economic, and artistic standpoint. Development of discrimination in the selection and arrangement of furnishings. Experience in planning and in texture, pattern, and color combinations. Miss Hall.

330. **Child Care and Development. II** Two hours.

The care and development of the infant and pre-school child from the standpoint of home and parent. Mrs. Hess.

340. **Quantity Cookery. I** Three hours.

Practice in selection, purchase and preparation of foods in large quantities. Menu making, food standards, food costs and food service are stressed. PR, Home Ec. 303. Mrs. Hess, Miss McCord.

351. **Applied Design. II** Two hours.

The development of designs, color combinations, and texture combinations in relation to their use in home and clothing. Miss Hall.

402. **Tailoring (Formerly Advanced Dressmaking).** Three hours.

The construction of a dress, suit, and accessories with emphasis on selection of fabric, fitting, and tailored details. Designed for evening students. Consult instructor for prerequisites. Miss Hall.

403. **Costume Design. II** Two hours.

Design created for the individual will be constructed by draping into costumes. Emphasis is placed on fitting. Miss Hall.

406. **Home Economics Technique. I** Two hours.

Required for teachers. The philosophy of home economics and its historic background. Organization of teaching materials; experience before the group in such techniques as demonstrations and discussion leading. Miss Hall, Mrs. Hess.

408. **Diet in Disease.** Three hours.

The diet therapy approach in disease. Staff members of Fairmont General Hospital.

410. **Advanced Textiles. II** Three hours.

Fabric analysis and fabric testing for quality and probable serviceability in relation to use. PR, Home Ec. 210. Miss Hall, Mr. Ward.

414. **Institutional Management. I** Three hours.

A study of the organization and management problems in food service units in institutions. Emphasis will be placed on types of management; personal problems; records for control; store-room procedure; floor plans and routine; equipment and furnishings. PR, Home Ec. 340. Staff.

INDUSTRIAL ARTS*

Mr. Johnson, Mr. Carmichael, Mr. Wise and Staff

101. **General Bench Wood Work.** Two hours.

A beginning course of wood work in which materials, tools, tool processes, fastenings, and constructions are studied. Construction work consists of projects embodying typical tool operations. No power machines are used in this course. Mr. Johnson.

110. **General Shop. I** Two hours.

This course is designed for those students who have had no industrial education training before coming to this college. Industrial education majors and minors with no previous work in this field should take this course first, also students wishing to discover their interests or aptitudes or to broaden their educational outlook. Mr. Wise.

120. **Materials of Industrial Arts. (See Botany 122)** Two hours.

130. **Elementary Applied Electricity.** Two hours.

A study of electrical theory followed by laboratory practice. Bell circuits, house wiring, fluorescent lighting, and wiring, and the repair of household appliances will be studied. The making of a miniature motor will be included in the shop projects. Mr. Wise.

134. **Machine Shop. I** Two hours.

A beginning course in the use of the fundamental hand and machine tools. Study will involve care and operation of the lathe, drill press, and grinder. Material and tool specifications will be introduced. Mr. Carmichael.

140. **General Mechanical Drawing.** Two hours.

A study of drawing as the universal language of industry. This course is on the college level for beginners. It includes lettering, orthographic projection, developed surfaces, sectional views, working drawing, and blue printing. Mr. Wise.

202. **Machine Woodworking.** Two hours.

A study of the principles of cabinet construction and design as applied to furniture manufacture. Woodworking machines are used in the construction of projects involving the problems studied. Mr. Johnson.

212. **Printing. I** Two hours.

215. **Auto Mechanics. I** Two hours.

220. **Sheet Metal. I** Two hours.

A beginning course including instruction in laying out surface patterns, making useful articles involving typical stretch outs, joints, wiring soldering, and riveting. Mr. Carmichael.

234. **Machine Shop. II** Two hours.

A continuation of 134, in which more intensified training will be given in the operation of the metal working machines. PR, 134. Mr. Carmichael.

230. **Electricity. II** Two hours.

A study of electrical theory followed by laboratory experiments and practice. Motor and generator circuits, elementary transformer windings, and methods of current control will be studied. Mr. Wise.

242. **Architectural Drawing. I** Two hours.

A course in the study of houses. It includes architectural lettering and conventions, plans and elevations, and a study of building materials and specifications. PR, 140. Mr. Wise.

300. **Blue Print Reading and Slide Rule Operation.** Three hours.

A course in the reading of the prints and drawings most commonly found in industrial operations. Emphasis will be placed on the development of speed and accuracy in the use of working drawings. The use of the slide rule as an aid in all types of problems involving more than simple arithmetic computation common to the building and metal working trades.
Mr. Johnson, Mr. Shutts.

303. **Furniture Construction and Design. I** Two hours.

Emphasis will be placed upon the study of furniture design and construction. The student will plan completely for projects to be made in 304. PR, 101, 202. Mr. Johnson.

304. **Cabinet Making. I** Two hours.

A continuation from 303. The project will be made in conformity with the drawings and specifications developed in the previous course. Advanced work in the use of machine tools, techniques and processes will be stressed. A high level of craftsmanship will be maintained. PR, 101, 202, 303.
Mr. Johnson.

308. **Wood Finishing.** Two hours.

A survey course in the materials and methods commonly used in the finishing of furniture and similar articles, and readily applicable to use in High School shop situations. The various types of dyes, stains, shellacs, varnishes, lacquers, and sealers will be used on sample panels. PR, 101.
Mr. Johnson.

311. **Plastics and Crafts for Elementary Teachers. I, II** One hour.

312. **Printing. II** Two hours.

314. **Plastics and Crafts. I** Two hours.

Craft work in plastics, leathers, and metals. A study will be made of plastics and their uses. Leathercrafts will involve designing, tooling, and surface enrichment. Metal craft will be in copper, brass, silver and stainless steel involving forming, embossing, chasing, planishing, etching and spinning.
Johnson, Wise.

315. **Auto Mechanics. II** Two hours.

320. **Sheet Metal. II** Two hours.

A continuation from Sheet Metal I. Advanced work will be offered in lay-out problems, joints, and other typical sheet metal situations commonly found in duct work. PR, 220. Mr. Carmichael.

322. **General Shop. II** Two hours.

This is a course providing a variety of experiences in the metal working field. It will include instructional units in art metal, bench metal, sheet metal, and welding. PR, 110, 134. Mr. Carmichael.

325. **Organization and Administration of Industrial Arts. I** Two hours.

A course designed to aid the student as a future teacher of industrial arts. Problems of administration, shop arrangement, care of machinery, ordering of materials and supplies, and techniques of shop instruction will be studied. PR, 12 hours of Industrial Arts courses. Mr. Johnson.

334. **Machine Shop. III** Two hours.

This class leads the advanced student into the problems and the methods of solving these problems in milling machine operations. Gearing problems, equations, gear cutting methods, and the necessary related technical information will form the basis of this course. PR, 134, 234. Mr. Carmichael.

335. **Philosophy of Industrial Arts.** Three hours.

This course is designed to give the student a historical background of the industrial arts movement as a basis for developing a philosophy as to the place and function of industrial arts in general education. PR, 325 and 12 hours of Ind. Arts courses. Mr. Johnson.

340. **Mechanical Drawing. II** Two hours.

Special problems in mechanical drawing. This course is designed to fill the needs of those who wish to study a special phase of drafting such as the use of the interior perspective method, techniques of inking, advanced machine drafting, etc. PR, 140 or Engr. 113. Mr. Wise.

342. **Architectural Drawing. II** Two hours.

A continuation of 242 in which design of houses, building materials, specifications, and cost of construction is studied. Each student will develop a complete set of plans, specifications, and cost estimates for his own house. PR, 140, 242. Mr. Wise.

345. **Acetylene Welding.** Two hours.

The care, operation, use, maintenance and methods of welding and brazing the common metals using the oxy-acetylene welding torch. PR, 134, 322. Mr. Carmichael.

346. **Arc Welding.** Two hours.

The care, operation, maintenance, methods and safety precautions necessary in the welding of common metals by the use of the arc welder. Welding will be done with AC and DC welding machines, oxy-arc cutting process and the Heliarc Process dealing with hard-to-weld metals. PR, 134, 322. Mr. Carmichael.

350. **Machine Drawing. I** Two hours.

A course in which the characteristics of metals and machine parts are studied. Typical machine elements such as screw threads, cams, and gears are drawn and blue printed. Mr. Wise.

360. **Shop Planning.** Two hours.

Designing plant facilities for the Industrial Arts area of the school program. A study of the placement and use of the proper type of equipment used in the school shop in relation to the community in which the school is located. PR, 140, 325. Mr. Wise.

362. **General Graphic Arts.** Two hours.

365. **Auto Mechanics. III** Two hours.

388. **Cabinet Making. II** Two hours.

A continuation of 304 with emphasis on the use of advanced techniques in the design and construction of home furniture. Mr. Johnson.

404. **Building Construction. I** Two hours.

Actual construction of small buildings and the problems involved in the erection of the building from the ground up. The course will be off campus in building erection work. Summers only. PR, I. A. 101, 242, 342, or 12 hours of I. A. work. Mr. Johnson.

405. **Building Construction. II** Two hours.

A continuation of 404. Mr. Johnson.

408. **Cabinet Making. III** Two hours.

Further study beyond the work done in 388. Particular attention is given to the use of veneers, inlays, overlays, and other advanced methods of enhancing the finished appearance of projects. PR, 388. Mr. Johnson.

414. **Plastics and Crafts. II** Two hours.

Advanced craft work in plastics, leathers, and metals. A continuation of 314. Mr. Johnson, Mr. Wise.

415. **Driver Education.** Two hours.

420. **Sheet Metal. III** Two hours.

A course designed to develop the student in the mastery of more advanced problems in sheet metal layout and forming. Emphasis will be placed on the type of work normally met in the heating and air conditioning industry. PR, 320. Mr. Carmichael.

422. **General Shop. III** Two hours.

A continuation of 322, with advanced training in metal working and covering the additional areas of forging, foundry and heat treating. PR, 322. Mr. Carmichael.

434. **Machine Shop. IV** Two hours.

A continuation of 334, with advanced training in the operation of the milling machines and the various types of grinders. PR, 134, 234, and 334. Mr. Carmichael.

442. **Architectural Drawing. III** Two hours.

Advanced problems of architectural design, incorporating the classical motifs in the overall scheme of housing and building plans. Shades and shadows, perspective, detailing, and the making of a model will complete the architectural sequences. PR, 242, 342. Mr. Wise.

450. **Machine Drawing. II** Two hours.

Industrial illustrating. This course involves a study of machine design, metals, and alloys. Small machine assemblies will be drawn by the exploded view method showing all parts in relation to other parts. This type of drawing is used extensively by industry for assembly purposes. PR, 140, 350. Mr. Wise.

462. **Architectural Drawing. IV** Two hours.

A class in the study of the Classic Orders of Architecture. Emphasis will be given so as to show the great influence these Architectural Orders have exerted on architectural styles throughout the centuries up to and including the present. PR, 242, 342, 442. Mr. Johnson.

474. **Industrial Maintenance. I** Two-three hours.

Care and maintenance of industrial equipment pertaining to the metal working trades, improvement in shop layout and equipment facilities. PR, senior standing and advanced training in the metal areas. Mr. Carmichael.

475. **Mill Wrighting. II** Two-three hours.

Care and maintenance of equipment commonly found in the woodworking trades, development of shop organizations and layout and equipment facilities. PR, senior standing and advanced training in the woodworking areas. Mr. Johnson.

490. **Methods and Materials of Teaching Industrial Arts.** Two hours.

A course in which the particular problems and techniques of teaching Industrial Arts are dealt with. Emphasis is given to the special methods of handling demonstrations, uses of special teaching aids and other related problems peculiar to the Industrial Arts shop. PR, 325, 335 and senior standing. Mr. Johnson.

*The Industrial Arts Department operates, during the regular academic year, on a nine weeks plan. Classes in this department normally carry two-hour credits and meet daily, five days per week, for two periods.

JOURNALISM

Mr. Halley and Staff

140. **Introduction to Reporting. I, II** Three hours.

Fundamentals of reporting; gathering and writing news; journalism as a possible vocation; how to cooperate with the press, be a better newspaper reader.

240. **Advanced Reporting. II** Three hours.

Continuation of 140 with emphasis on covering news of courts; practice in reporting specialized news.

302. **Editing and Make-up. I** Two hours.

Preparation of copy for the printer; copy-editing, proofreading, headline writing; layout of the page.

305. **History of Journalism (and Communications). I** Three hours.

History of journalism from Colonial days to the present; contemporary problems in the light of their historical development; growth of newspaper from organs of political parties to the social instruments of today; consideration of radio, television and facsimile.

312. **Publication Problems. II** Two hours.

A practical course for teachers who supervise a school newspaper, yearbook, handbook; for editors of company newspapers (house organs); for anyone charged with producing a publication.

320. **Advertising. I, II** Three hours.

A survey course. The social, psychological and some technical aspects of advertising. For Business and Journalism students.

412. **Journalism Practice. I, II** Two hours.

Practical experience on the college newspaper, yearbook, local daily newspapers, radio stations, plus guided reading in the student's field of major interest; for example, writing for radio, newscasting, magazine article writing, dramatic criticism, editorial writing, business management, circulation promotion, public relations, advertising, photography. For Journalism majors or minors.

470. **Communications in Society. I** Two hours.

A study of public opinion and propaganda; the influence of old and new forms of communication on the social order; why and how people react to news, publicity, public relations, propaganda; reference to laws of libel. For Social Science and Journalism students.

471. **The Newspaper and Society. II** Two hours.

Development of the newspaper as a social force; present practice and principles of the press; ethics and influence of newspaper. For Social Science and Journalism students.

LATIN

Miss Terry

101. **Elementary Latin. I** Three hours.

102. **Elementary Latin. II** Three hours.
Continuation of Latin 101.

LIBRARY SCIENCE

Mr. Fites and Staff

101. **The Use of the Library. I** One hour.
This is a course planned to acquaint students with the resources of the library and to enable them to use this material efficiently. Mr. Fites.

302. **School Library Administration. I** Three hours.
A study of organization and administration of the school, library, and its place in carrying out the objectives of the school program. PR 101. Mr. Fites.

303. **Cataloging and Classification. II** Two-hours.
In introduction to principles of cataloging and classification, with practice in cataloging and classifying many types of books used in school libraries. PR, 101, O. A. 101, or its equivalent. Mr. Fites.

305. **Selection and Use of Secondary School Library Materials. II** Two hours.
This course is designed to aid teachers in the effective use of school libraries as an instrument of instruction. Sources of information about books, other printed material and audio-visual aids, and their use in the secondary school curriculum are studied. PR, 101. Mr. Fites.

306. **Reference and Bibliography. I** Two hours.
A study of basic reference books, especially those useful in school libraries. Problems in evaluating and using reference books and in bibliography making. PR, 101; O. A. 101, or its equivalent. Mr. Fites.

404. **Practice Work. I, II.** Two-three hours.
Individual work based on student's previous experience and related to student teaching when possible. Part of this work is done at the college and part in the training school. PR, 101, 302; O. A. 101, or its equivalent. Mr. Fites.

424. **Selection and Organization of Audio-Visual Materials.** Two hours.
Techniques in the effective use of graphic materials.

MATHEMATICS AND ENGINEERING

MATHEMATICS

Mr. Shutts, Miss Musick, Mrs. Ford and Staff

1. **Intermediate Algebra. I, II** ½ unit.
This course is designed for students with only one unit of algebra in high school. Miss Musick.

111. **Review Algebra. I, II** Two hours.
PR, One and one-half units of high school Algebra. Mrs. Ford.

121. **Solid Geometry. I, II** Three hours.
PR, Plane Geometry. Mrs. Ford.

141. **Business Mathematics. I, II** Two hours.

This course is designed especially for students in business administration. The following topics are studied: Buying and selling, manufacturing, interest and banking, investments, money and credit, and social security. Opportunity is given for review in the fundamentals of arithmetic. Mrs. Ford.

203. **Practical Arithmetic. I, II** Two hours.

This course is designed especially for students wishing to meet the mathematical requirement for elementary certificate. Staff.

204. **Practical Arithmetic. II** Two hours.

This course is a continuation of 203. All students wishing to meet the requirement for the public school certificate will be required to take Math. 203 and 204. Students having a good mathematics training in the grades and high school will meet the elementary certificate requirement by taking Math. 204. Staff.

205. **General Mathematics. I, II** Four hours.

This course is designed especially for all students wishing to meet the mathematical requirements for public school certification and general education in mathematics. Staff.

221. **College Algebra. I, II** Four hours.

PR, Math. 111. Miss Musick.

231. **Plane Trigonometry. I, II** Three hours.

PR, Math. 111. Mr. Shutts, Mrs. Ford.

251. **Analytical Geometry. I, II** Four hours.

PR, Math. 221 and Math. 231. Miss Musick.

305. **Descriptive Astronomy. II** Three hours.

This course is designed for elementary teachers. The course will consist of illustrated lectures, movies, and use of the telescope. Mrs. Ford.

311. **Navigational Trigonometry. II** Three hours.

This course is designed to provide a thorough knowledge of spherical trigonometry and to acquaint the student with some of the problems encountered in astronomy and in the navigation of aircraft and surface vessels. PR, Math. 231. Mrs. Ford.

321. **Differential Calculus. I** Four hours.

PR, Math. 251. Mr. Shutts.

331. **Integral Calculus. II** Four hours.

PR, Math. 321. Mr. Shutts.

341. **Theory of Equations. I** Three hours.

PR, Math. 331. Mrs. Ford.

351. **Mathematics of Finance and Investment. I** Three hours.

This course is designed especially for students in business administration. The following topics are studied: annuities, amortization, sinking funds, interest, bonds, depreciation and replacement, the elements of actuarial science. PR, Math. 221. Mrs. Ford.

361. **Higher Algebra. II** Three hours.

This course includes determinants, and the theory of integers, real and complex numbers, groups, rings and fields. Miss Musick.

401. **Differential Equations. II** Three hours.

PR, Math. 331. Mr. Shutts.

405. **Modern Geometry. II** Three hours.

The topics studied: An extension of the principles and proofs of plane geometry, including homothetic figures, the nine point circle, Wallace line, Brocard points, harmonic ranges, inversion and the geometry of the triangle. PR, Math. 251. Mr. Shutts.

411. **Advanced Calculus. II** Three hours.

PR, Math. 331. Mr. Shutts.

421. **Descriptive Astronomy. I** Three hours.

PR, Math. 251. Mrs. Ford.

431. **Theory of Determinants and Analytics of Space. I** Three hours.

PR, Math. 321. Mr. Shutts.

441. **Projective Geometry. II** Three hours.

The purpose of this course is to introduce the methods of projective geometry based on the use of homogeneous coordinates. The methods will be developed through a study of the straight line, duality, one-one algebraic correspondence and cross ratio, conics, and quadrilateral and quadrangle. Some attention will be given to interpreting results metrically. PR, 431. Mr. Shutts.

451. **History of Mathematics. I** Three hours.

This course is designed especially for teachers majoring in mathematics. PR, Math. 331. Mrs. Ford.

ENGINEERING

Mr. Shutts, Mr. Wise, Mr. Carmichael, Mrs. Ford

112. **Machine Shop. I** Two hours.

This course is an introductory course in the care and use of machines, safety practices, etc. Work on the lathe will be emphasized. Several projects in simple machine work are to be developed by the students. Mr. Carmichael.

113. **Mechanical Drawing. I** Three hours.

This course is designed especially for engineering students. The following topics are studied: care and use of instruments, lettering, orthographic projections, use of auxiliary projections, isometric projections, tracing and blue printing. Mr. Wise.

115. **Welding and Heat Treatment.** Two hours.

Designed especially for engineering students, this course consists of lectures, recitations, demonstrations, and shop practices on oxy-acetylene, electric and resistance welding of pipes, tubing, and plates. Some opportunity will be given for practice in the molding and casting of ferrous and non-ferrous metals. Mr. Carmichael.

131. **Descriptive Geometry. II** Three hours.

PR, Engr. 113, and Math. 121. Mr. Shutts.

201. **Mechanics. I** Three hours.

This course is designed especially for engineering students. The following topics are studied: resultants of force systems, equilibrium of force systems, first moments and centroids. PR, Math 231 and Physics 210. Mr. Shutts, Mrs. Ford.

202. **Mechanics. II** Three hours.

This course is a continuation of Engr. 201. The following topics are studied: motion of a body, work and energy, impulse and momentum, second moments. Mr. Shutts, Mrs. Ford.

207. **Mechanism. II** Two-four hours.

A course designed for engineering students and consisting of lectures and graphical solutions of engineering problems. PR, 113, 131. Mr. Shutts.

209. **Elements of Machine Design.** Two hours.

This course is designed to give engineering students a knowledge of empirical designs, standard commercial parts, such as keys, bearings, shafting, coupling, screw filings, limits, tolerance and allowance. Mr. Wise.

212. **Machine Shop. II** Two hours.

Continuation of 112. Mr. Carmichael.

241. **Plane Surveying.** Three hours.

PR, Math 231. Mr. Shutts.

MUSIC

Mr. Evans, Mr. Montague, Miss Price, Mrs. Donham

101 **Elementary Music, or Music as an Art and a Science. I, II** Two hours.

The following topics are studied: terminology of music, scale building, rhythm problems and the use of syllables in sight singing. A study of the lives and works of the great composers will be made. Staff.

102. **Music Materials and Procedures. II** Two hours.

The course includes materials and methods for dealing with the various phases of music in the public schools. PR, Music 101. Miss Price.

105. One hour

This course is designed for all students interested in beginning piano. This course will be conducted as a class with each member being afforded opportunity for participation. No extra fee. Mrs. Donham.

106. One hour.

A continuation of 105. PR, 105. Mrs. Donham.

107. **Piano. I, II** One hour.

This course is designed for beginners. The following materials are learned: the completion of an elementary piano book, all major scales, hands separately and one piece learned and memorized for performance. Open to all students. Mrs. Donham, Mr. Montague.

108. **Piano. I, II** One hour.

Continuation of Music 107. Mrs. Donham, Mr. Montague.

109. **Theory.** Four hours.

This course is designed especially to meet the theory requirements of music majors and minors. Development of the musical thought processes is obtained by correlating keyboard harmony, dictation, sight-singing, and part-writing. Each element is presented according to the following plan: theoretical discussion; experience by creating the element (keyboard and sight-singing); dictation (aural perception); artistic application (composition). Mr. Evans.

110. **Theory.** Four hours.

A continuation of 109. PR, 109. Mr. Evans.

141. **Voice. I, II** One hour.

This course is designed for any student possesing a voice with enough quality, after an audition, to merit training. The following topics are studied: Voice placement, breath control, proper formation of vowels and consonants, vocalises and easy songs in English and Italian. PR, Audition.

Miss Price, Mr. Evans.

142. **Voice. I, II** One hour.
Continuation of Music 141. Miss Price, Mr. Evans.

*167-468. **Orchestra. I, II** One hour.
The study of orchestral literature and administration through participation. Open to all students who can play an instrument needed to keep a well balanced organization. PR, Tryout. Mr. Montague.

*169-470. **Band. I, II** One hour.
Open to all students who can play an instrument needed to keep a balanced organization. This course is designed to present a study of band literature and administration through participation. PR, Tryout. Mr. Montague.

*171-472. **Women's Chorus. I, II** One hour.
Open to all students who can sing a part. This course is designed to present a study of choral literature, organization and administration of a Woman's Chorus. PR, Tryout. Miss Price.

*173-474. **College Choir.** One hour.
Open to all students who can sing a part. This course is designed to present a study of choral literature and administration through participation. PR, Tryout. Mr. Evans.

* Training in band, orchestra, chorus, and individual orchestral instruments may be taken in each semester of each year. If in the first year, the course numbers will be 165, 166; in the second year 265, 266, and so on.

205. **Music in Human Relations. I, II** Two hours.
This course is open to all students as a general education course in music. Miss Price.

207. **Piano. I, II** One hour.
Studies: The little Preludes and Fugues of Bach.

Scales: All majors and harmonic scales, hands together; melodic minor scales, hands separately. M. M. Quarter note 80—eighth notes, two octaves; triplet eighth notes, three octaves, sixth notes, four octaves.

Sonatine by Clementi, Kullau, etc. Pieces of comparable difficulty, as assigned by instructor. PR, Music 108. Mr. Montague, Mrs. Donham.

208. **Piano. I, II** One hour.
Continuation of Music 207.

209. **Theory.** Four hours.
This course is based upon the contrapuntal harmonic style of composition in the 18th century, with special emphasis placed upon the music of Johann Sebastian Bach. The chorale style, the harmonization of the chorale melody, and the contrapuntal harmonic style will be studied. PR, 110. Mr. Evans.

210. **Theory.** Four hours.
A continuation of 209. PR, 209. Mr. Evans.

211. **String Class. I** One hour.
This course is open to all students with sufficient background in music. A working knowledge of string instruments is attained through class instruction. PR, Music 101. Mr. Montague.

212. **String Class. II** One hour.
A continuation of 211.

213. **Brass Class. I** One hour.

This course is open to all students with sufficient background in music. A working knowledge of brass instruments is attained through class instruction. PR, Music 101. Mr. Montague.

214. **Brass Class. II** One hour.

A continuation of 213.

215. **Woodwind Class. I** One hour.

This course is open to all students with sufficient background in music. A working knowledge of the instruments of the woodwind choir is attained through class instruction. PR, Music 101. Mr. Montague.

216. **Woodwind Class. II** One hour.

A continuation of 215.

241. **Voice. I, II** One hour.

Technical work continued with more emphasis placed on voice placement and breathing. It is expected by this time that the student will have studied songs other than English, preferably Italian. PR, Music 142. Miss Price, Mr. Evans.

242. **Voice. I, II** One hour.

Continuation of Music 241. Miss Price, Mr. Evans.

275. **Violin. I, II** One hour.

This course is designed for individual study of the techniques of violin playing. Studies in first position will be used with a knowledge of third position learned. PR, Music 211. Mr. Montague.

279. **Cello. I, II** One hour.

This course is designed for individual study of the techniques of cello playing. Studies of grade two will be used with scales through fourth position. PR, Music 211. Mr. Montague.

283. **Clarinet. I, II** One hour.

This course is designed for individual study of the techniques of clarinet playing. Studies by Klose, Part I and II will be used. Duets and solos of comparable difficulty will be studied. PR, Music 215. Mr. Montague.

285. **Flute. I, II** One hour.

This course is designed for individual study of the techniques of flute playing. Studies by Hickok, Wagner and Etudes by Kohler, books I and II will be used. PR, Music 215. Mr. Montague.

289. **Trumpet or Cornet. I, II** One hour.

This course is designed for individual study of the techniques of trumpet playing. The Arban Method for cornet will be used with the beginning of an elementary song repertoire. PR, Music 213. Mr. Montague.

291. **Trombone. I, II** One hour.

This course is designed for individual study of the techniques of trombone playing. Methods by Clarke and Muller will be used. Songs for trombone will be studied. PR, Music 213. Mr. Montague.

301. **Music Appreciation. I, II** Three hours.

This course consists of a general survey of music with the idea of a broader and more cultural understanding of music as an art. Open to all students. Miss Price.

307. **Piano. I, II** One hour.

Technical studies continued with scales in thirds, sixths and tenths; all harmonic and melodic minor scales; hands together. M. M. Quarter note 100. Studies by Czerny, Op. 299. Bach Inventions. PR, Music 208. Mrs. Donham, Mr. Montague.

308. **Piano. I, II** One hour.
Continuation of Music 307. Mrs. Donham, Mr. Montague.

313. **History. I** Three hours.
The course consists of a study of music from early times to the Romantic Period. Recorded examples are used. Open to all students. Mr. Montague.

314. **History. II** Three hours.
A continuation of 313 covering the Romantic and Modern Periods. Mr. Montague.

341. **Voice. I, II** One hour.
Earlier studies continued with more advanced songs in English and foreign languages. PR, Music 242. Miss Price, Mr. Evans.

342. **Voice. I, II** One hour.
Continuation of Music 341. Miss Price, Mr. Evans.

345. **Conducting. I** Two hours.
This course deals with the rudiments of conducting with emphasis placed on choral work. PR, Ten hours of Music. Mr. Montague.

346. **Conducting. II** Two hours.
A continuation of the techniques of the baton are studied with emphasis placed on orchestral directing. Score reading and elementary orchestration are studied. PR, Music 345. Mr. Montague.

407. **Piano. I, II** One hour.
Studies of Czerny Op. 299 and 740. A Bach Suite, Beethoven Sonata, or more modern composer. Two pieces of comparable difficulty to be memorized for performance. Scales—All Major, Harmonic and Melodic scales, in octaves, thirds, sixths, and tenths. Sixteenth notes, four octaves. PR, Music 308. Mr. Evans.

408. **Piano. I, II** One hour.
Continuation of Music 407. Mr. Evans.

431. **Music Education for Secondary Schools. I** Two hours.
This course deals with the techniques involved in music subjects and the organization of musical organizations in the Junior and Senior high schools. PR, Music 346. Miss Price.

OFFICE ADMINISTRATION

Miss Hunsinger, Mr. Larkin.

100. **Personal-Use Typewriting. II** One hour.
This is a course for non-majors and cannot be credited toward a major in office administration or toward certification to teach typewriting. Staff.

101 **Beginning Typewriting. II** Two hours.

102. **Beginning Typewriting. I** Two hours.
Continuation of Office Administration 101.

201. **Beginning Shorthand. I** Four hours.
PR, Sophomore standing or consent of Instructor.

202. **Beginning Shorthand. II** Four hours.
Continuation of Office Administration 201.

211. **Vocational Typewriting. II** Two hours.
PR, Office Administration 102 or equivalent.

301. **Advanced Shorthand and Transcription. I** Four hours.
PR, Office Administration 102 and 202 or equivalent.

302. **Advanced Shorthand and Transcription. II** Four hours.
Continuation of Office Administration 301.

311. **Office Machines and Filing. I, II** Two hours.
PR, Office Administration 102 or 211.

351. **Clerical Practice. I** Three hours.
PR, Office Administration 211 and 311.

401. **Secretarial Practice. I** Three hours.
PR, Office Administration 211 and 301.

402. **Cooperative Office Pratice. II** Three hours.
Part-time work in business offices. PR, Office Administration 401 or consent of instructor.

PHILOSOPHY, PSYCHOLOGY AND RELIGION

PHILOSOPHY

Mr. Ward and Staff

203. **Introduction to Philosophy. I** Three hours.
The organization of knowledge and value, being an introduction to the philosophy of science and ethics.

204. **Introduction to Philosophy. II** Three hours.
The organization of experience, being an introduction to the philosophy of religion and metaphysics. PR, 203, although may be taken as a first course by advanced students.

205. **Introduction to Logic. I** Two hours.
A beginning course in the principles of right thinking in formal and material logic—the rules governing valid deductive and inductive inference.

206. **Introduction to Ethics. II** Two hours.
A study of the principles of right and good in human conduct.

301. **Philosophic Thought in the West to 1300 A. D. I** Two hours.
An historical survey of the development of philosophy in western civilization from the Homeric period to the scholasticism of St. Thomas Aquinas. PR, One course in Philosophy.

302. **Philosophic Thought in the West to 1800 A. D. II** Two hours.
A continuation of Philosophy 301 concluding with the philosophy of Kant. PR, 301 or consent of instructor.

303. **Movements of Thought Since 1800. I** Two hours.
A continuation of 301-302, though forming an independent study of contemporary philosophy. PR, One course in Philosophy.

322. **Ethical Theory. I, II** Three hours.

Reading and discussion of original source materials in ethics. PR, One course in Philosophy or consent of instructor. Students with credit for Philosophy 206 may not take this course for credit.

330. **Philosophy of Religion. I** Three hours.

A survey of the main thinkers and principal problems of the contemporary philosophy of religion. PR, One course in Philosophy or consent of instructor.

410. **Aesthetics. II** Two hours.

A survey of the various theories of artistic expression and the examination of the problems of a philosophy of art.

420. **Seminar: The Philosophy of History. II** Two hours.

Reading and discussion of works concerning the nature of historical knowledge and the pattern of historical development. PR, One course in Philosophy or consent.

421. **Seminar: Epistemology and Metaphysics. I** Three hours.

Directed reading of a particular system of philosophy or on a specific research problem. PR, Three courses in Philosophy, at least one being 300-400 level.

PSYCHOLOGY

104N. **Psychology for Nurses. II** Two hours.

203. **General Psychology.* I, II** Three hours.

A study of psychological methods, development, motivation, emotion, learning, memory, and thinking.

204. **General Psychology.* I, II** Three hours.

A study of sensation, perception, attention, intelligence, aptitude, and personality.

205. **Applied Psychology. II** Three hours.

The applications of psychological methods and principles in training, business, industry, medicine, and law.

304. **Child Psychology. II** Three hours.

A study of human behavioral development through infancy to puberty, including a consideration of the formation of habits, attitudes, and interests.

335. **Psychology of Personality. I** Three hours.

The psychological development and adjustment of the individual, his habits, traits, and attitudes, in response to organic and social influences.

336. **Abnormal Psychology. II** Three hours.

The causes, prevention and treatment of sensory, affective and intellectual disorders; a consideration of their importance for the interpretation of normal behavior.

400. **Psychometrics.** Two hours.

Theory and practice in the construction, administration, and interpretation of tests and mental and motor performance, intelligence, aptitude, and personality.

402. **Advanced Psychology Seminar. II** Three hours.

Reading and discussions of current theoretical and experimental writings on methods of investigating and interpreting behavior and experience.

403. Social Psychology. I Two hours.
The formation, interaction and influence of groups; the development of social norms and their effects upon individual behavior.

404. Psychology of Learning. Three hours.
Description and interpretation of recent research on the nature of the learning process.

430. Methods of Research. I, II Three hours.
Reading and conferences surveying the experimental and statistical techniques applicable to representative problems in psychology.

*Psy. 203 and 204 are the two halves of an elementary survey of the field of general psychology. Either course may be taken singly; neither is a prerequisite to the other, but students seeking admission to advanced courses in Psychology must have taken either 203 or 204.

RELIGION

230. Old Testament. I Three hours.
A survey of the historical development of the Jewish religion to the time of Christ.

231. New Testament. II Three hours.
A survey of the history of the Christian Church to the close of the second century.

305. History of Christian Thought. I Two hours.
Reading and discussion of selections from the principal Christian thinkers.

307. Comparative Religion. II Two hours.
A survey of the principal non-Christian religions, their systems of thought and cultural influence.

420. Seminar: Problems in the Philosophy of Religion. II Two hours.
A study of specific writers for advanced students. PR, Philosophy 330 or consent.

PHYSICAL EDUCATION, HEALTH AND RECREATION

PHYSICAL EDUCATION

Women's Division—Miss Walters, Miss Barry, and Staff.

Men's Division—Mr. Wilson, Mr. Davis, Mr. Duvall, and Staff.

101. Freshmen Orientation. I One hour.
Introduction to physical education activities. (W) Staff.

111. Freshmen Orientation. II One hour.
Continuation of 101. (W) Staff.

115. Freshmen Orientation. I One hour.
Physical education activities. (M) Mr. Duvall.

116. Freshmen Orientation. II One hour.
Physical education activities. (M) Mr. Duvall.

117. Skill Techniques. I One hour.
Team sports for Women. Miss Walters.

131. **Beginning Swimming. I** One hour.
Elementary swimming skills. Miss Walters.

201. **Football. I** One hour.
Theory and practice in fundamentals. (M) Mr. Duvall.

202. **Basketball. I** One hour.
Theory and practice in fundamentals. (M) Mr. Davis.

203. **Baseball. II** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson.

204. **Track. II** One hour.
Theory and practice in fundamentals. (M) Mr. Davis.

205. **Golf. II** One hour.
Theory and practice in fundamentals. (M) Staff.

206. **Tennis. II** One hour.
Theory and practice in fundamentals. (M) Staff.

214. **Leadership in Graded Games. I, II** Two hours.
Required for Curriculum C. Miss Barry.

214A. **Graded Games. II** One hour.
Required for Curriculum B. Miss Barry.

217. **Skill Techniques. II** One hour.
Team Sports for Women. Miss Walters.

219. **Skill Techniques. II** One hour.
Team Sports for Women. Miss Walters.

226. **Techniques of Modern Dance. I, II** One hour.
Miss Barry.

231. **Intermediate Swimming. I, II** One hour.
Intermediate swimming skills. Miss Walters.

237. **Fundamentals of Tennis. I** One hour.
Beginning skills in tennis. Miss Walters.

271. **Team Sports. I** Two hours.
Specialization in physical education activities. (M) Staff.

272. **Individual and Dual Activities. II** Two hours.
Specialization in physical education activities. (M) Staff.

310. **Human Anatomy and Physiology. I** Two hours.
A study of the anatomical structure and physiological functions of human beings. Mr. Roberts.

311. **Kinesiology. II** Two hours.
Principles of body mechanics, muscle action and skills. Staff.

314. **Lead-up Games for Secondary Schools. II** Two hours.
Miss Barry.

316. **Coaching and Officiating: Hockey and Soccer. I** One hour.
PR, 117, 217, 219. Miss Walters.

317. **Stunts and Tumbling. II** One hour.
Miss Walters.

319. **Coaching and Officiating: Softball and LaCrosse. I** Two hours.
PR, 117, 217, 219. Miss Walters.

320. **Theory of Coaching Football. I** Two hours.
Theory and practice. Various systems and styles of play. Mr. Duvall.

321. **Theory of Coaching Basketball. I** Two hours.
Theory and practice. Various systems and styles of play. Mr. Wilson.

322. **Theory of Coaching Track. II** Two hours.
Theory and practice. Practical experience in officiating; administration of track and field meets. Mr. Davis.

323. **Theory of Coaching Baseball. II** Two hours.
Theory and practice. Practical experience in officiating. Mr. Wilson.

326. **Advanced Modern Dance. II** One hour.
Miss Barry.

327. **Coaching and Officiating: Volley Ball and Basketball. I** Two hours.
PR, 117, 217, 219. Miss Walters.

329. **Officiating Football and Basketball. II (M)** Two hours.
Rules; techniques of officiating; and laboratory work. Mr. Duvall.

330. **Advanced Swimming. II** Two hours.
PR, 231 or permission of instructor. Miss Walters.

331. **Life Saving and Water Safety. II** Two hours.
PR, 330 or permission of instructor. Miss Walters.

337. **Advanced Tennis. II (M. & W.)** One hour.
Advanced strokes and participation in tournament play. Dr. Lindley.

351. **History and Principles of Physical Education. I** Two hours.
Foundations of physical education. Miss Walters.

361. **Methods in Physical Education. II** Two hours.
Open to P. E. majors only. Miss Walters.

365. **Communities Activities Assisting. I, II (M. & W.)** One hour.
Staff.

366. **Community Activities. I, II (M.)** One-two hours.
Physical conditioning class for off-campus students only. Staff.

380. **Problems and Coaching of Little League Baseball** Two hours.
(Summer Term and I Sem.) PR, Work in summer leagues. Mr. Wilson.
Problems of organizing leagues, administration of leagues, health and overall attitude of personnel, and coaching of teams.

417. **Advanced Stunts and Tumbling. II** One hour.
PR, 317. Miss Walters.

425. **Children's Rhythms. I (M. & W.)** One hour.
Miss Barry.

461. **Organization and Administration of Physical Education. (M. & W.)**
Two hours.
Mr. Wilson

HEALTH

Staff

102. **Personal Health. I, II** Two hours.
This course consists of a study of the individual health of the student. Mr. Wilson.

241. **First Aid and Safety Education. II** Two hours.
Study of immediate, temporary treatment in cases of accident or sudden illness prior to medical aid. Mr. Duvall.

306. **Marital Relations. II** Two hours.
Problems of the individual with relation to marriage, personality, parenthood, sex, counseling and the teaching of marital relations. Mr. Wilson.

308. **School Health Problems. I** Two hours.
Survey of school programs, school health services and interrelationships. Miss Walters.

404. **Physical Inspection. II** Two hours.
Physical inspection and correction of remedial defects. Miss Walters.

RECREATION

Mr. Davis and Staff

126. **Rhythmic Activities. I** One hour.
Includes fundamental rhythms, social mixers, and social dancing. Miss Barry.

241. **Introduction to Recreation. I** Two hours.
A general survey of recreation systems, trends, policies, problems, and procedures for students interested in field of recreation. Mr. Davis.

324. **Archery and Badminton. I** One hour.
Care and selection of equipment and participation. Miss Barry.

325. **Square Dancing. II** One hour.
American squares, quadrilles, and longways dances. Miss Walters.

336. **Co-Recreational Activities. I, II** Two hours.
Experience in supervising and organizing co-recreational activities. Open to majors and minors. Miss Barry.

339. **Bowling. I, II** One hour.
Participation. Miss Walters.

341. **Workshop and Recreation Institutes. II** Two hours.
Expert demonstrations, lectures by outside authorities. Mr. Davis & Staff.

344. **Recreational Leadership. I, II** One-three hours.
Organizing and directing group activities. Mr. Wilson.

345. **Practice Leadership — Summer** Two hours.
Carefully planned observation trips to recreation centers and playgrounds with training periods. Mr. Davis.

346. **Theory of Recreation. I, II** Two hours.
Nature and function, theory and problems, familiarizing students with recreation. Staff.

347. **Leisure in Modern World. II** Staff.

442. **Camping and Youth Organization. II** Two hours.

A study of camping movement, outdoor education, and organizations serving youth. Mr. Davis.

443. **Community and Industrial Recreation. I** Three hours.

Organization and supervision of recreation for community and industrial groups. Mr. Davis.

445. **Organization and Administration of Playgrounds and Recreation.** Three hours.

A study concerning the administration and organization of playgrounds and recreation in the community and problems vital to operation. Mr. Davis.

PHYSICAL SCIENCE

Mr. Haught

201. **General Physical Science. I** Three hours.

Elements of mechanics, heat, sound, light and electricity. A survey course.

202. **General Physical Science. II** Three hours.

Elements of Chemistry, Geology and Astronomy. A survey course.

315. **Physical Science. I** Three hours.

An introductory course in physical science which aims to present a scientific background and inspire greater appreciation and understanding of man's physical environment. The course is non-technical.

316. **Physical Science. II** Three hours.

Designed to give the student some specific knowledge of modern science with its attendant practical applications and cultural benefits.

PHYSICS

Mr. Carroll, Mrs. Ford

101. **General Physics. I** Four hours.

This course is designed to satisfy the Physics requirement for pre-medical, pre-dental, and other professional courses. It covers the elementary principles of mechanics of solids, liquids and gases, and the study of heat. A two hour laboratory period each week is required. Engineers should schedule Phy. 210.

Physics majors and minors may schedule Physics 101, but Physics 210 is recommended.

103. **General Physics. II** Four hours.

A continuation of 101. This course includes a study of magnetism and electricity, sound and light. A two hour laboratory period each week is required. Engineers should schedule Physics 211.

Physics majors and minors may schedule Physics 103, but Physics 211 is recommended.

210. **Engineering Physics. I** Five hours.

This course is offered for engineers and for Physics majors and minors.

211. **Engineering Physics. II** Five hours.

A continuation of 210, offered for engineers and for Physics majors and minors.

310. **Electricity and Electronics.** Four hours.

This course includes static electricity, direct and alternating current theory and means of transforming electrical power. The theory of the vacuum tube and electronics is introduced. Four hours laboratory and two hours lecture each week is required.

311. **Electricity and Electronics. II** Four hours.

A continuation of 310 with additional work in vacuum tube and electronic circuit theory.

320. **Mechanics. I** Three hours.

A course in mechanics applied to the study of particles and objects in space with the general principles of astronomy and the information of rotating systems in the universe. General theories of the universe and experimental facts will be presented in an elementary manner.

321. **Mechanics. II** Three hours.

A continuation of 320.

420. **Atomic Physics. I** Three hours.

This cours deals with the study of charged particles, ionization, and conduction of electricity through gases, electromagnetic radiation, and the theory of atomic structure.

421. **Atomic Physics. II** Three hours.

A continuation of 420.

POLITICAL SCIENCE

Mr. Lawrence and Staff

101. **Fundamentals of Political Science. I, II** Three hours.

An introduction to the theory of political science. Mr. Lawrence.

203. **Comparative Government. I, II** Three hours.

A survey designed to give a broad general acquaintance with the political institutions and government practices of certain other nations. Mr. Lawrence.

206. **American State and Local Government. I** Two hours.

Investigation of the functions of government as performed on the state and county level. Staff.

207. **American Municipal Government. II** Two hours.

Investigation of the functions of government as performed in urban areas. Staff.

301. **Special Studies in Political Science.** Credit to be arranged.

Entrance by consent of the department. Mr. Lawrence.

302. **American Government.** Three hours.

A survey of American government devoted to the constitutional basis and functions of the Federal System. Mr. Lawrence.

303. **Political Parties. I** Three hours.

A study of the origins, growth, and development of the American political party. PR, Pol. Sci. 302. Staff.

305. **American Diplomacy. I** Three hours.

Problems of organization and policy in the formation and execution of American foreign policies. PR, Pol. Sci. 302. Staff.

307. **History of Political Thought. II** Three hours.

A survey of the field of political thought from Plato to Kelsen, tracing the evolution of modern concepts. PR, Pol. Sci. 101 or consent. Mr. Lawrence.

309. **The Growth and Development of Law. I** Two hours.

A study of the history of Law, including the Civil Law, the Common Law, and allied systems. Mr. Lawrence.

310. **English Constitutional Law. II** Two hours.

The development of the Common Law and the English Constitution. PR, History 307, 308, or consent of the department. Mr. Lawrence.

406. **International Problems. II** Three hours.

The foreign policies of the nations and the machinery established and functioning for the peaceful adjustments of international differences. PR, Pol. Sci. 302, or consent. Staff.

407. **The Legislative Process. I** Two hours.

Sources of information, methods of law-making, pressures employed and results achieved by legislative bodies. PR, Pol. Sci. 206, 302, and 303. Staff.

408. **The Judiciary. II** Two hours.

The historical development, composition, duties, and practices of the American courts, with emphasis on the Federal System. PR, Pol. Sci. 206, 302. Mr. Lawrence.

409. **The Administrative Process. II** Two hours.

The organization, selection, classification, financing, conduct and control of public administration. PR, Pol. Sci. 206, 302. Staff.

462. **Introduction to Methods of Research and Bibliography** Three hours.

It is the purpose of this course to give the student some training in the science of research and bibliography.

PSYCHOLOGY

(See page 104.)

RECREATION

(See page 108.)

RELIGION

(See page 105.)

RETAILING

(See page 78.)

SOCIAL SCIENCE AND SOCIOLOGY

SOCIAL SCIENCE

Mr. Gray, Mr. Elliott, and Staff

111. **Development of Social Institutions. I** Three hours.

This course is designed to give the student an understanding of the processes by which our society and social institutions have attained their present status. Domestic, Economic, Political, Communicational, Religious, and Educational institutions are among those which will be covered.

112. **Development of Social Institutions. II** Three hours.
Continuation of 111.

201. **Fundamental Social Problems. I** Three hours

A study of social problems in the major fields of human interest. These include the areas of culture, technology, family, religion, education, economics, minority groups, communication, and social welfare.

202. **Fundamental Social Problems. II** Three hours.
Continuation of 201.

SOCIOLOGY

120N. **Sociology for Nurses. I** Two hours.

A course designed to teach the concepts of human association and culture to young ladies planning to enter the nursing profession. The group organization of society and social process affecting social relationships will be stressed. Open only to nursing students.

210. **Introductory Sociology. I** Three hours.

The origin, development, structure, and function of culture and society will be studied. A basic course to the study of social interaction and group life.

240. **Marriage and The Family. I** Three hours.

A study of the background, organization, and functions of the American family. Courtship and marriage; problems of parenthood; family disorganization; the effects of social change upon the family; and the future of the family as an institution will be studied.

301. **Anthropology. II** Three hours.

A study of human biological and social origins, including human prehistory, race, the origin and nature of culture, social organization among preliterate peoples, cultural diffusion, and culture change.

320. **Rural Sociology. I** Three hours.

A study of the characteristics of rural society including its culture, social relationships, and institutions. Rural society is studied in comparison with urban society as a part of American Society. PR, Soc. 210 or Soc. Sci. 201 and 202.

330. **Urban Sociology. II** Three hours.

A study of the characteristics of urban society including its culture, social relationships and institutions. Urban society is studied in comparison with rural society as a part of the American Society. PR, Soc. 210 or Soc. Sci. 201 and 202.

340. **Juvenile Delinquency. I, II** Three hours.

A study of what our society defines as delinquent behavior and of the young people designated as delinquents. Emphasis will be placed on the causes of delinquency and on the various techniques and methods of prevention, treatment, and rehabilitation. PR, Soc. 210 or Soc. Sci. 201 and 202.

360. **The Field of Social Work. I, II** Three hours.

A study of the history and development of social work with special emphasis upon modern social work agencies and the services which they render. Various types of social work will be considered from the standpoint of the prospective social worker. PR, Soc. 210 or Soc. Sci. 201 and 202.

403. **Social Psychology. I** Three hours.

A study of the interaction between individuals and groups. Techniques of individual and group control will receive special study. PR, Soc. 210 or Psyc. 203 or 204.

440. **Population Problems. II** Three hours.

A study of the social implications of changing birth and death rates; causes of growth and decline of population; relation of population to natural resources; and the influence of population movement upon cultural change and the growth of nationalism. PR, Soc. 210 or Soc. Sci. 201 and 202.

450. **Minority Groups. I** Three hours.

A study of racial and cultural minority groups in the United States with special emphasis upon understanding the cause of their persistence and the reason for majority-minority antagonisms. A study of the techniques whereby prejudices are developed and also reduced will be made. PR, Soc. 210 or Soc. Sci. 201 and 202.

462. **Introduction to Methods of Research. I, II** Three hours.

It is the purpose of this course to give the student elementary training in the common methods of social science research and the development of bibliographies. PR, Soc. 210 or Soc. Sci. 201 and 202, and two of the following courses. Soc. 301, 320, 330, 340, 440, or 450.

490. **Seminar: Special Problems in Sociology. I, II** One to Three hours.

Open only to Juniors and Seniors majoring in Sociology. Reading and research on subjects suited to the students' needs. Total hours limited to six. No more than three hours in any one semester.

499. **Seminar: Social Theory. II** Three hours.

A study will be made of the development of Social theory with special emphasis upon contemporary theory. PR, Junior standing and 12 hours of Sociology.

SPANISH

Miss Terry

101. **Elementary Spanish. I** Three hours.

Grammar, pronunciation, composition, conversation, translation. No credit toward graduation is given for Spanish 101 without 102.

102. **Elementary Spanish. II** Three hours.

PR, Spanish 101 or one year of high school Spanish.

201. **Modern Spanish. I** Three hours.

Rapid reading, grammar and conversation. PR, Spanish 101 and 102 or two years of high school Spanish.

202. **Modern Spanish. II** Three hours.

PR, Spanish 201.

301. **Nineteenth Century Literature to 1870. I** Three hours.

Lectures, selected readings and reports. Conducted in Spanish.

302. **Nineteenth Century Literature. II** Three hours.

Spanish literature from 1870. Conducted in Spanish.

327. **Advanced Conversation and Composition. I** Three hours.

340. **Spanish American Literature. I** Three hours.

Study of Spanish American history and culture through its literature. Conducted in Spanish.

421. **Literature of the Golden Age. I** Three hours.
Cervantes and Lope de Vega. Conducted in Spanish.

422. **Literature of the Golden Age. II** Three hours.
Calderon de la Barca, Tirso de Molino and Alarcon.

430. **Spanish Civilization and Culture. II** Three hours.

SPEECH AND DRAMATICS

Mr. Wallman, Mr. Opp, Mr. Turley, Mr. West and Staff

101. **Fundamentals of Speech. I, II** Two hours.
This course includes the elementary phases of oral language training. Reading aloud, short speeches, enunciation, pronunciation, parliamentary procedure. Required of Speech Majors. Staff.

105. **Voice and Diction. I, II** Two hours.
This course includes study of drills for developing proper breath support for producing a strong, flexible, resonant voice, with exercises aimed to acquire facility in using a pleasant standard speech; stressing coordination of mind and voice. Articulation and enunciation. Required for Speech Majors. Mr. Turley.

151. **Play Production. I, II** Two hours.
Play production methods for the educational theatre. Stage management, scenery, nad staging of plays. Mr. Wallman.

243. **Debate. I** Two hours.
Theory and practice of argumentation and debate. Should be taken by those students desiring to participate in inter-collegiate debate. Required of Speech Majors. Mr. West.

244. **Intercollegiate Debating. II** Variable credit.
Staff.

245. **Oratory. I, II** Variable credit.
A study of the structure, aims and principles of writing orations and the delivery of them. Mr. Opp.

251. **Acting. I, II** Two hours.
Acting in numerous one-act plays. Mr. Wallman.

301. **Make-up. I** One hour.
A course in the fundamentals of applying stage make-up, including laboratory and practical experience in school production. Designed for students interested in dramatic production. Mr. Wallman.

301.L. **Advanced Make-up. II** One hour.
Laboratory and practical experience. PR, Speech 301. Mr. Turley.

313. **Interpretation of Shakespeare. I** Two hours.
A study of representative Shakespearean plays. Mr. Rhodes.

318. **Modern Drama. II** Three hours.
The history of the British drama and the study of modern dramas-- British, Continental and American. Miss Tate.

320. **Scenic Construction. I, II** Two hours.
A laboratory course in the designing and construction of stage scenery and lighting. Staff.

330. **Fundamentals of Radio Speech. I** Two hours.

A familiarization course in modern studio practice, use of broadcasting and recording equipment, and preparation of programs, with some work in radio speech and announcing. Mr. Turley.

331. **Children's Theatre. II** Two hours.

A consideration of dramatic forces suited to the elementary grades; puppetry, marionettes, choric speaking, model stage construction, etc. For students taking Curriculum B. Mr. Wallman.

334. **Radio Production. II** Two hours.

Production of and participation in actual broadcasts. A study of the techniques used in programming, continuity writing, music cues, sound effects, and directing. PR, 2 hours of Speech or permission of instructor. Mr. Turley.

334L. **Radio Production. I, II** One hour.

Continuation of 334 with extensive studio practice. Mr. Turley.

336. **Play Directing. I, II** Two hours.

Selection of plays suitable to high school presentation, interpretation and directing problems. Required of Speech Majors. Mr. Wallman.

336L. **Play Directing. (Laboratory.) I** One hour.

Direction and presentation of a one act play. Required of Speech Majors. PR, Speech 336. Mr. Wallman.

337. **Effective Speaking. I, II** Two hours.

This course is designed to give students training in the art of preparing and delivering public speeches. Required of Speech Majors. Mr. Wallman.

340. **Business and Professional Speech. II** Two hours.

Designed to give students training in the art of preparing and delivering speeches occurring in specific businesses and professions. Night School only. May be substituted for Speech 337 requirement. Mr. Wallman.

352. **Theatre Workshop. I, II** One hour.

Actual laboratory work on the various collegiate dramatic presentations. Scenery design and construction, lighting, properties, costuming, etc. PR, Speech 151 or permission of instructor. Staff.

352L. **Theatre Workshop. II** One hour.

Continuation of Speech 352. Staff.

401. **Extemporaneous Speaking. II** One hour.

This course is designed to give students training for intercollegiate competition in this field. Mr. West.

421. **Poetry Interpretation. II** Three hours.

Oral interpretation of poetry with some practice in choric speech. Mr. Rhodes.

430. **Speech Correction. I** Three hours.

Study and recognition of speech defects. Exercises for correction and treatment of minor defects. Required of Speech Majors. Mr. Turley.

ZOOLOGY

Mr. Hunt and Staff

110N. **Intro. to Human Anatomy and Physiology. I** Four hours.

Open to nurses only. Mr. Hunt.

203. **General Zoology. II** Four hours.

315. **Field. Zoology. Summer.** Three hours.

Primarily for those who teach or intend to teach biology. This course aims to familiarize students with the animal life of the state in its natural surroundings and includes the collection, identification, and study of habits of the various forms found in this region. PR, Biol. 101-102, or equivalent. Mr. Davisson.

320. **Invertebrate Zoology. I** Four hours. Mr. Hunt.

321. **Vertebrate Zoology. II** Four hours. Mr. Hunt.

322. **Ornithology. II** Two hours.

Field and laboratory studies on the structure, identification, migration, protection, nesting, and food habits of birds. Mr. Davisson.

350. **Comparative Anatomy of Vertebrates. II** Four hours. Mr. Hunt.

410. **Histological Technique. II** One-four hours.

Preparation of animal tissues for microscopic study. Mr. Hunt.

411. **Histology. II** Two-three hours.

Study of animal tissues. Mr. Hunt.

415. **Problems in Zoology. Summer** One-four hours. Mr. Hunt.

450. **Human Physiology.** Four hours. Mr. Hunt.

SPECIAL SERVICES

THE SUMMER SESSION

Fairmont State College offers a twelve week summer session each summer. This session is made up of two terms of six weeks each. The dates for the 1953 session cover the period from June 3 to August 21. The first term will open on June 3 and close on July 14, the second term will begin on July 15 and close on August 21. The dates for the 1954 session cover the period from May 31 through August 20.

The requirements for admission and the character of the work offered are the same for the summer session as for the regular year. Credit may be earned in all departments toward the bachelor's degree or toward any of the special certificates authorized by the State of West Virginia. Courses are varied from summer to summer so that students may find suitable work with which they can build up their earned credit toward a degree or certification. For information relative to summer session fees see page 22.

The Fairmont State College Laboratory School will be in operation during the first six weeks for elementary school observation and practice teaching, and during twelve weeks for secondary school activities of a similar character.

All activities and facilities of the campus are available to students during the summer session. The student body is organized under its own leadership at the beginning of each session. Under these leaders, and certain members of the faculty, a general program of social, recreational, and dramatic events is scheduled.

Fairmont State College always sponsors a number of special features in connection with each summer session. Announcements of such features will be made from time to time by means of press releases, radio announcements and special information sheets.

Special bulletins for the summer session are prepared for distribution. If interested in working toward any particular teaching certificate or degree, or in renewal of certificates, or in pre-professional courses, or in refresher courses, write for the Summer Bulletin. Address, Registrar, Fairmont State College, Fairmont, W. Va.

EVENING CLASSES

Evening classes are operated for the benefit of teachers and other persons whose employment makes impossible attendance in regular day classes. Classes are ordinarily held on Wednesday evening during the hours from 6:00 to 10:00 although classes may be held at such other times as the group involved and the instructor may agree upon. These classes are considered as work done in residence.

Classes will usually be offered in any subject or subjects in which there is sufficient demand as indicated by the registration of six or more students, although the Administration reserves the right not to provide such instruction when it may be impossible to make adequate teaching staff arrangements.

In accordance with regulations of the State Board of Education, teachers under contract are limited to a total of eight semester hours of credit during the period of employment each year with a maximum of four credit hours per semester. Such a total hour limit makes possible enrollment in two two-hour classes, and in one three-hour class with a fourth possible hour to be obtained by enrolling in one of several tutorial courses offered by the college.

EXTENSION CLASSES

Upon request, and when it is possible to provide suitable staff, Fairmont State College will offer off-campus courses to interested groups in the general area of the state it serves. Ordinarily, an enrollment of ten or more persons is necessary before any extension courses may be offered. The enrollment fee is $7.50 per semester hour.

Extension courses may be taken either for credit or without credit, excepting those courses listed definitely as non-credit courses. Students enrolling in extension courses for credit must satisfy all the requirements for admission to Fairmont State College. The work given for credit in extension courses corresponds, as to class requirements, with that given in similar courses on the campus. The credit, however, is recorded as extension credit, and not more than 24 hours of such credit may be included in any student's 128 hour requirement for graduation.

Individuals or groups desiring information about extension courses should contact the Director of Extension.

ADULT EDUCATION CLASSES

Fairmont State College stands ready to offer such adult education classes as may be requested by interested groups when it can provide suitable staff to meet such requests. By and large, adult education classes are those classes meeting at hours and for periods of time differing from those required for the usual credit courses. They are also classes taken without credit.

For information about adult education classes, the Dean of Fairmont State College should be contacted.

TUTORIAL COURSES

Tutorial courses are courses coming under the "to be arranged" heading, that is, the work of the course is carried on through a series of student-instructor conferences. Regulations adopted by the Faculty of Fairmont State College governing the administration of tutorial courses provided. (1) that not more than 6 hours of the 128 hours required for graduation may be earned in courses of this character; (2) that not more than two semester hours of such credit may be earned in any one semester or term; (3) that the only students eligible to take such courses are those with 64 or more hours of earned credit and a scholastic standing of 2.5, or better. The enforcement of these regulations is in the hands of the several student advisers. The following courses are offered as tutorial courses at this time:

Psychology 430
Economics 406
Education 431, 460
History 460
Political Science 301
Sociology 490.

VETERANS SERVICES

Fairmont State College stands ready to assist veterans in every possible way. This assistance includes:

1. The maintenance of the Office of Veteran's Coordinator for centralizing all matters pertaining to veteran's relations with the Veterans Administration on the one hand and college authorities on the other.

2. Admission, under certain conditions, as special students, of the veterans who have not completed high school.

3. Facilities for giving the "General Educational Development Tests" as a means for obtaining advanced standing.

4. Allowance of a maximum of 8 semester hours of credit in physical education to those veterans presenting evidence of the completion of the basic training courses in the Armed Forces.

5. Acceptance of correspondence work done with fully accredited instutions of higher education cooperating with the Armed Forces Institute for the amount of credit allowed by the institution with which the credit was earned.

6. Cooperation with the regular policy of the American Council on Education in determing and allowing credit for training received in offices or special technical schools, or in the Army Specialization and the Navy College Training Programs.

NURSING EDUCATION

Fairmont General Hospital and the Union Protestant Hospital (Clarksburg) Schools of Nursing maintain an affiliation with Fairmont State College. The preclinical period of the Nursing Education program of these schools is completed at this college. The subjects included are anatomy and physiology, chemistry, microbiology, nutrition, psychology and sociology, a total of 17 semester hours.

This arrangement provides a nursing education which is approved by the American College of Surgeons, American Medical Association, and the West Virginia State Board of Examiners for Registered Nurses.

Graduates of a nurses' training school have the following fields open to them: Army and Navy nursing; civilian hospital nursing as staff nurses, supervisors, instructors, superintendents, and administrators; veteran nursing, industrial nursing; public health nursing; health relief and rehabilitation at home and abroad; child health and guidance; occupational therapy; anesthesia; clinical laboratory; X-Ray laboratory.

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FAIRMONT STATE COLLEGE
Fairmont, West Virginia

APPLICATION FOR ADMISSION

Applicants for admission to Fairmont State College are requested to fill in this application and return it to the Director of Admissions at least fifteen days prior to the opening of the semester for which they wish to enroll.

A transcript of high school credits, for incoming freshmen, and a transcript of college work, for upper classmen, should be sent to the Director of Admissions by the institution in which the credit was earned.

Name of Applicant.. Race..................

Last First Middle

Home Address ....

Street City State

Date of high school graduation.............................. Units of credit................

Name and address of Parent ....

High School attended.................................... Location..................................

Date of high school graduation.............................. Unit of credit................

Name of college attended, if any ....

Dates of college attendance.............................. Semester Hours of credit..........

Why did you withdraw from that college? ....

....

When do you wish to enroll in Fairmont State College?..

Are you registering under the G. I. Bill of Rights?..

In what department or for what courses do you wish to enroll?................................

....

Fairmont State College Bulletin

GENERAL CATALOGUE

1955-57

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IMPORTANT NOTICES

CORRESPONDENCE: To avoid delay correspondence should be addressed as indicated below:

Admissions

For everything concerned with the admission of students, including requests for the college catalogue and other publications, academic credits, and information about fees, address

The Director of Admissions

Matters of General College Interest and Development, address

The President

Matters Concerning the Faculty, Curricula, Instruction, Summer Session, Evening and Extension Classes, address

The Dean of the College

Matters Concerning Guidance and Counseling, Student Employment, Placement, address

The Director of Student Personnel

Matters Concerning Housing for Women, Admission to the Dormitory, etc., address

The Dean of Women

Matters Concerning Housing for Men, Veterans' Affairs, Admission to Veterans' Housing Units, etc., address

The Dean of Men

Matters Concerning Student Accounts, Deferred Payments, Purchases, address

The Business Manager

Alumni Activities, address

The Alumni Secretary

CATALOGUE: **Students are urged to secure and to retain throughout the period of their enrollment** a copy of the annual catalogue for the year in which they entered. Unless changes beyond the control of Fairmont State College occur, or an unusually long period ensues between original enrollment and candidacy for graduation, students will be permitted to graduate under requirements prevailing at the time of entrance.

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GENERAL CATALOGUE

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FAIRMONT, WEST VIRGINIA

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CALENDAR FOR 1955-56

1955

June 13, Monday	Registration for First Term, Summer Session
June 14, Tuesday	First classes, Summer Session, 7:00 a. m.
June 17, Friday	Last enrollment day, First Summer Term
July 22, Friday	Final Class Sessions, First Summer Term
July 25, Monday	Registration for Second Term, Summer Session
July 26, Tuesday	First classes, Second Summer Term, 7:00 a. m.
July 29, Friday	Last enrollment day, Second Summer Term
August 27, Saturday	Final Class Sessions, Second Summer Term
September 6-10, Tuesday through Saturday	Orientation and registration of freshmen students
September 7, Wednesday	Registration of evening students, 6:00 to 9:00 p. m.
September 8, Thursday	Registration of freshmen students
September 9, Friday	Registration of all other students Late registration fee after this date
September 12, Monday	First class meetings, 8:00 a. m.
September 14, Wednesday	First meetings, evening classes
September 16, Friday	Last enrollment day, First Semester
November 23, Wednesday	Thanksgiving recess begins, 4:00 p. m.
November 28, Monday	Classes resume, 8:00 a. m.
December 5, Monday through December 9, Friday	Pre-registration, Second Semester
December 21, Wednesday	Christmas recess begins, 4:00 p. m.

1956

January 4, Wednesday	Classes resume, 8:00 a. m.
January 12, Thursday through January 18, Wednesday	Final Examinations, First Semester
January 23, Monday	Registration of freshmen students
January 24, Tuesday	Registration of upperclassmen Late registration fee after this date
January 25, Wednesday	Registration of evening students, 6:00 to 9:00 p. m.
January 25, Wednesday	First classes, Second Semester, 8:00 a. m.
February 1, Wednesday	First meetings, evening classes
February 3, Friday	Last enrollment day, Second Semester
March 28, Wednesday	Easter recess begins, 10:00 p. m.
April 3, Tuesday	Classes resume, 8:00 a. m.
May 7, Monday through May 11, Friday	Pre-registration for Summer Session and First Semester
May 24, Thursday through May 30, Wednesday	Final Examinations, Second Semester
May 30, Wednesday	Final meeting, evening classes
June 1, Friday	Reception for Graduates and Alumni, 8:00 p. m.
June 2, Saturday	Baccalaureate Services, 10:00 a. m. Commencement Exercises, 2:30 p. m.

FAIRMONT STATE COLLEGE

FAIRMONT, WEST VIRGINIA

ESTABLISHED 1867

WEST VIRGINIA BOARD OF EDUCATION

The State Board of Education has complete control over the educational, administrative, and fiscal policies of Fairmont State College. The personnel list of the present board follows:

	Term Expires
Raymond Brewster, *President, Huntington*	1961
Mrs. Thelma B. Loudin, *Vice President, Fairmont*	1955
Elizabeth V. Hallanan, *Charleston*	1956
Page Wooldridge, *Bluefield*	1957
Lacy T. Rice, *Martinsburg*	1958
Lawrence R. Lynch, *Clarksburg*	1959
William R. Laird, III, *Fayetteville*	1960
James H. Rowland, *Beckley*	1962
J. H. Murry, *Jenkinjones*	1963
W. W. Trent, *State Superintendent of Free Schools, member ex officio, Charleston*	1957

H. K. Baer, *Secretary and Director of Teacher Training, Charleston.*

Erman E. Lester, *Administrative Assistant, Charleston.*

FAIRMONT STATE COLLEGE

Administrative Officers of the College

JOHN W. PENCE, M.A., LL.D., *President*

GEORGE R. HUNT, PH.D., *Dean of the College*

GEORGE H. TURLEY, M.A., *Dean of Men, Director of Publicity, Coordinator of Veterans' Affairs*

MARGARET ELLEN COPELAND, M.A., *Dean of Women*

WAYNE S. MARTIN, ED.D., *Director of Student Personnel*

OTIS H. MILAM, JR., M.A., *Registrar, Director of Admissions*

GILBERT G. FITES, JR., M.A., *Librarian*

WILFORD R. WILSON, M.A., *Director of Athletics*

EGHBERT E. MCWHORTER, M.B.A., *Business Manager*

HARRY C. FLEMING, M.D., *Director of Student Health Service*

EDGAR L. WILLIAMS, JR., B.S., *Superintendent of Buildings and Grounds*

GENERAL INFORMATION

LOCATION

Fairmont State College, an institution of higher education for the young men and women of West Virginia, is located in Fairmont. As the county seat of Marion County and the center of the northern West Virginia coal industry, Fairmont is a thriving city of some 30,000 inhabitants. Being served by two railroads, several bus lines, and Highways 19, 31, 73, and 250, it is easily accessible from all points of the state. It is the operating headquarters and home of a number of large coal, utility, and manufacturing concerns. The city offers unusual cultural and economic advantages. It possesses excellent stores, several theatres, and numerous churches of all faiths. Community choral groups and a Little Theatre organization provide excellent outlets for local talent. Student and faculty members of Fairmont State College are encouraged to take an active part in these various community activities.

PURPOSES AND AIMS

Fairmont State College is a four-year state college whose purpose is to serve its area and the state at large by offering such undergraduate curricula in general and vocational education as the West Virginia Board of Education may approve from time to time.

Under this broad directive, Fairmont State College offers curricula for the preparation of elementary and high school teachers and curricula leading to degrees in the liberal arts and sciences. Besides the courses terminating with the granting of degrees, Fairmont State College offers two-year curricula in several areas and two to three years of pre-professional training in a number of fields.

The evening classes and extension programs offered are designed to meet the needs of in-service teachers of the area and to provide local business and professional people opportunities for additional training in their particular fields.

In addition to its formal academic program, the College is interested in participating actively in worthwhile community projects. To that end it is the policy of the college administration to share with the community the cultural program and physical facilities of the College.

By providing a suitable environment, good equipment, and a well-trained staff, Fairmont State College aims to offer for its students training that should equip them with vocational and personal fitness for life, and to provide the community with a source of information and culture.

HISTORY

Founded as a private teacher training school in 1865, Fairmont became a normal school under state control in 1867. Housed originally in space provided by a local church, Fairmont State College has successively occupied sites at the head of Adams Street, at Second and Fairmont Avenues on the site of the present United States Post Office, and since 1917 in its present location.

Fairmont State College claims to be the oldest normal school south of the Mason and Dixon Line, and the earliest recipient of aid from the George Peabody Fund. Operated as a teacher training school with some academic work on the secondary school level, Fairmont's scope was widened in 1908 when teachers were permitted to qualify for certificates through normal school training as well as through examinations. In 1924, Fairmont granted its first bachelor's degrees in education on the basis of the completion of a four year college course. In 1931, the Legislature changed the name of Fairmont State Normal School to Fairmont State Teachers College. This title was again changed by the Legislature of 1943 to FAIRMONT STATE COLLEGE, and authorization was given to offer Bachelor or Arts and Bachelor of Science degrees. As a result of these developments, Fairmont is now authorized and equipped to offer a wider educational service to the people of West Virginia than ever before in its long history.

CAMPUS

The Fairmont State College Campus consists of approximately seventy acres with its principal frontage on Locust Avenue at the edge of the present city limits of Fairmont. On a commanding site overlooking much of the city of Fairmont, the college is readily accessible to all students by private car or public transportation.

BUILDINGS AND EQUIPMENT

Fairmont State College possesses an unusually modern and well-equipped physical plant.

The Administration Building is the oldest and largest building on the campus. In addition to the administrative offices, it houses numerous classrooms, a cafeteria, the student lounge, the college bookstore, and other facilities. Centered by its famous "Columns", the Administration Building presents an impressive frontage to Locust Avenue, one of Fairmont's busiest thoroughfares.

Auditorium facilities, capable of seating 500 persons, are located in one wing of the Administration Building. Here dramatic productions, concerts, assemblies and other important campus activities are carried on.

The Library Building is a three story structure of steel, concrete, glass and brick. Functional rather than monumental in design, it emphasizes accessibility of books, attractive informal appearance, good lighting, accoustical treatment and mechanical ventilation. In addition to the usual library facilities and services, there is a typing room for the use of students, a number of individual study desks and carrels, music listening facilities, an art materials room, two seminar rooms and a moving picture screening room.

Located in new quarters, with additional facilities for serving student and faculty needs, the Library is now at the beginning of a new period of usefulness to the College. At the present time there are approximately 42,000 volumes, exclusive of government documents, for which the Library is an approved depository. The Library receives many daily newspapers and more than 260 periodicals. It also operates a film rental service for the benefit of the several department and campus organizations. The Library also maintains a collection of over 400 albums of records for faculty and student use.

Science Hall is a large light brick building housing the departments of Mathematics, Natural and Biological Science, Home Economics and Business Administration.

Colebank Gymnasium is one of the newer campus buildings. It contains two gymnasiums, one for men and one for women. It also contains a fine swimming pool, classrooms, lockers, showers, equipment and office rooms. It is constantly in use for the various activities of the Physical Education Department and of the campus generally.

Morrow Hall is the campus residence hall for women. It is designed to furnish attractive and homelike surroundings.

The Industrial Arts Building is a single story frame building with full basement. It is 195 feet long and contains a central section 75'x40', and two wings each 60'x25'. The building is so constructed that in the very near future it can be brick veneered to match the rest of the campus units. It is well designed to provide the necessary space for an integrated course in all phases of industrial arts work. A smaller unit of the quonset hut type is available, in an adjoining location, for additional offerings in the Industrial Arts field.

Music Practice Studio, situated to the rear of Colebank Gymnasium, provides studios and practice rooms for the Music Department.

The Field House situated on Rosier Field is equipped with dressing rooms, lockers and showers for visiting and local football and baseball teams.

Rosier Field, situated at the upper end of the campus, is one of the beauty spots of Fairmont. Space is provided for a large football field, practice fields, baseball diamond and parking space. A concrete stadium capable of seating 5,500 spectators is provided. Adjacent are six tennis courts.

The President's Home is a ranch-type structure, brick construction, located on a knoll overlooking the main campus.

Veterans' housing units, seven in number, are located on the campus conveniently adjacent to classrooms, cafeteria, library, and gymnasium. These units provide quarters for 48 single men, 18 married men without children, and 6 married men with children.

ACADEMIC INFORMATION

ACCREDITING

Fairmont State College is fully accredited by the North Central Association of Colleges and Secondary Schools; and is a member the American Association of Colleges for Teacher Education, of the Association of American Colleges, the American Councel on Education, the National Commission on Accrediting, and the American Association of University Women. These affiliations guarantee to Fairmont State College graduates and students full recognition of their earned credits in other colleges and universities.

DEGREES

The degrees granted by Fairmont State College are Bachelor of Science, Bachelor of Arts and Bachelor of Arts in Education. For each degree 128 semester hours of credit are required. The number of quality points required for a degree may not be less than 256 and may be more, since each student must average two points for each semester hour attempted. This is to say that the quality point average is computed by using all courses entered on the student's permanent record card.

No student shall be awarded more than one baccalaureate degree, irrespective of the nature and number of courses he takes.

ADMISSION

Admission to Fairmont State College may be obtained in one of three ways:

1. By certificate of graduation and credit properly certified from an accredited high school.

2. By properly certified transcript of credit and statement of good standing from a standard college or university.

3. By examination.

These three methods are described in detail below:

Admission of High School Graduates: An applicant for admission by high school certificate should file with the Registrar an official statement of his credits, signed by the proper official of the school from which he comes. This certificate should come directly from the principal of the secondary school to the Registrar of the College. The Registrar will notify the applicant as to the acceptance of his credits.

Transfer Students: Students entering Fairmont State College from other colleges and universities must have sent to the Registrar an official transcript of credit and a statement of honorable dismissal from the institution last attended.

A transcript to be official must come direct from the institution issuing it and must bear the official seal of the institution, and the manual signature of the proper officials. The transcript should show the descriptive title of the courses, the year in which the work was done, the number of credits and the grade. A transcript when accepted becomes the permanent property of the college and will not be returned to the student.

Examination for Entrance: Veterans of World War II who have not graduated from high school will be given an opportunity to enter college on the basis of United States Armed Forces Institute General Educational Development tests.

No credit of collegiate grade will be allowed for work done in the former normal training schools, except as authorized by the West Virginia State Board of Education. By the action of the board five-eighths college credit may be allowed for such work up to a maximum of twenty (20) hours, provided credit was earned after graduation from high school.

Exceptions to the regulations on admissions:

1. A mature student who is twenty-one years old or older may enter Fairmont State College as a special student when he is deficient in entrance requirements, but he must meet these requirements before he can be granted a degree or be recommended for a teacher's certificate.

2. A student who lacks only one unit of credit for graduation from his high school may be granted admission to Fairmont State College with a condition of one unit and be permitted to work off the condition during his first year in college.

REGISTRATION

Prior to registration day an official transcript of credit will be filed in the Office of the Registrar for each incoming freshman and each transfer student.

All students are expected to complete registration on the days set aside for this purpose at the beginning of each semester or term. (See college calendar for dates.) Students who register after the dates specified, but within the lawful period for enrollments, will have a late registration fee added to the regular fee.

Printed schedules of classes may be obtained from the Registrar's Office in advance of registration days. Registration cards for those students who have preregistered will be held by the several advisers until the date set for the completion of registration; new students will receive registration cards at the times indicated in the college calendar.

Transfer students enrolling for the first time should see the Registrar before enrolling.

Final registration is conducted on the main floor of the Administration Building during the hours from 8:30 to 12:00 Noon and from 1:00 to 3:00 P. M.

Pre-registration opportunities for students in residence will be given as indicated in the calendar. Students are expected to contact their advisers for preregistration in these periods. This should be done if the student has any expectation of entering the ensuing semester. Students failing to pre-register will be liable for an extra fee.

SEMESTER HOURS—DEFINITION

The semester hour is the basis of college credit within the institution. A semester hour is the credit received for taking a subject one hour per week for one semester or eighteen weeks.

Laboratory courses require two periods per week for eighteen weeks for each semester hour of credit.

GRADING SYSTEM

The following system of grading is used within the institution:

A—Superior, given only to students for exceptional performance.

B—Good, given for performance distinctly above the average in quality.

C—Average, given for performance of average quality.

D—Lowest passing grade, given for performance of poor quality.

F—Failure, signifies entirely unsatisfactory work. Course must be repeated if credit is to be received.

FIW—Failure because of irregular withdrawal.

I—Incomplete, given to students who miss some of the last exercises of the class work because of illness, or some other equally good reason. When the work missed is done satisfactorily the final grade may be any one of the four passing grades. If the deficiency represented by I is not made up within a year, the grade I automatically become F.

WP—Withdrew Passing, from one class or from college.

WF—Withdrew Failing, from one class or from college.

QUALITY POINTS

The quality of a student's work is indicated by quality points.

Candidates for graduation must have at least twice as many quality points as semester hours attempted, that is, a point-average of 2. on all college work. Quality points for grades A, B, C, D, are computed as follows:

A—Four (4) quality points for each semester hour of credit.

B—Three (3) quality points for each semester hour of credit.

C—Two (2) quality points for each semester hour of credit.

D—One (1) quality point for each semester hour of credit.

A student's grade average is determined by dividing the number of his quality points by the number of credit hours he has scheduled. No quality points are attached to grades F, FIW, and WF, but the credit hours for the courses in which these grades are received will be used in computing his grade average.

CLASSIFICATION OF STUDENTS

Students who have completed not less than ninety-six hours of college work are classified as seniors.

Students who have completed not less than sixty-four hours and not more than ninety-six hours of college work are classified as juniors.

Students who have completed not less than thirty-two hours and not more than sixty-four hours of college work are classified as sophomores.

Students who have completed the high school or secondary course and not more than thirty-two hours of college work are classified as freshmen.

NUMBERING OF COURSES

Courses 100-199 are for freshmen. Courses 200-299 are for sophomores. Courses 300-399 are for juniors. Courses 400-499 are for seniors. With the approval of his adviser a student may enroll for a course on either the next higher or the next lower level.

ASSIGNMENTS AND CREDITS

1. Semester Load: A student who enters at the beginning of a semester may be assigned a sixteen or seventeen hour schedule, but not more, except by petition and permission from the Registrar. An adviser may not give permission for more than seventeen hours.

2. Late Registration Fees: A fee of one dollar per day will be charged students who enroll after the day set for regular registration as indicated in the college calendar. The maximum to be $5.00.

3. Schedule Changes: Students must petition the Committee on Admissions and Credits to make schedule changes after the third week of a semester or the second week of a summer term.

Students may not add new classes to their schedules after the period of registration has ended. An exception is made for classes which begin at mid-term. Registration for these classes, however, must be completed before the classes start.

4. Withdrawal from College: A student desiring to withdraw from the College will apply at the Registrar's Office. Here forms may be obtained which when completed with the proper signatures and returned to the Registrar's Office, will constitute an official withdrawal. The instructor records on the Final Report Class Cards to the Registrar, a "W" for students withdrawing during the first six weeks of a semester or two weeks of a summer term. In case the official drop notice is issued after one-third of the semester or term, the instructor will record either "WP" or "WF" at the end of the period of enrollment.

No withdrawals may be made from individual classes after mid-semester. If a student drops a part of his academic load after nine weeks of the semester or three weeks of the summer term, have elapsed, an "F" or "FIW" will be recorded for each course dropped. Where a student withdraws regularly from college after nine weeks of the semester or three weeks of the summer term have elapsed, the instructor will record a "WP" or "WF", as the case may be. Such grades will be used as a part of the student's record for the semester in determining his eligibility for enrollment the following semester.

A student who withdraws from the college without giving formal notice to the Registrar will receive at the end of the semester a grade of "FIW" in each subject for which he is registered.

5. Repeating a course: A student who earns a "D" or "F" in any course may repeat that course for the purpose of improving the grade. If in repeating the course the student earns a different mark from that he received the first time, the higher mark will be used in computing the quality point average. This rule applies only to the first repeat. Moreover, if it becomes necessary to repeat the course more than once to improve the grade, all marks obtained—the original and the repeats—will be used in computing the quality point average.

6. Minimum Residence Requirements for Graduation: For a degree, at least one year's work in residence is required, one semester of which must be in the senior year. A "year of residence" must represent not less than thirty-two (32) weeks' work in residence with not less than thirty-two (32) hours credit. A semester is defined as a minimum of 18 weeks and 16 hours credit.

Exception is made in the case of any student who has completed three years of required work in Fairmont State College and who wishes to complete the senior year in some approved college of law, medicine, or dentistry.

HONOR ROLL

Those students who are registered for twelve or more hours and who at the end of the semester receive grades averaging B or above are considered honor students and a list of such students constitutes what is known as the Honor Roll.

GRADUATION WITH HONORS

Candidates for graduation who have achieved special distinction in academic work are graduated with Honors, High Honors, and Highest Honors. The quality point average for Honors is 3.0-3.49; for High Honors, 3.50-3.74; for Highest Honors, 3.75, or better. Averages are based upon the entire academic record of the student, including the final grades of the second semester of the senior year.

TRANSCRIPTS

Every student at Fairmont State College is entitled to one official transcript of his record free; for each additional copy a fee of one dollar ($1.00) cash will be charged.

A student who defaults in the payment of any college dues or loans forfeits his right to claim a transcript.

An application for a transcript of credit should furnish the date of last attendance at Fairmont State College, and a married woman should give both her maiden and married names.

All requests for transcripts should be sent directly to the Registrar.

AUDITORS

Students who are registered in Fairmont State College may be permitted to attend classes as auditors provided they shall have obtained the written permission of their advisers and of the instructors in the classes they desire to visit. No person who enrolls in any class as an auditor may later in the same semester, or term, be considered as enrolled in this class for the purpose of obtaining credit. In no case whatsoever will auditing be regarded as a factor in obtaining credit.

Students eligible to attend classes as auditors may obtain proper permission blanks from the Registrar. Other persons, not registered students, may attend classes as auditors upon securing permission from the Registrar and from the instructors involved, upon payment of the regular fee. Auditors are required to complete the regular registration forms.

ABSENCES

Faculty members have responsibility for excusing or not excusing absences. Students have the responsibility of contacting individual faculty members about their absences. Failure of students to offer satisfactory explanations of absences may bring about a lowering of the class grade, or may lead to failure in the course.

REPORTS TO STUDENTS

The grades of all students are reported by each faculty members to the several student advisers as of the middle and end of each semester. Midsemester reports, unless there are special reasons, are not mailed to the student's home address. Final reports, prepared by the Registrar's Office, are mailed to the student's home address only when specifically requested.

SPECIAL EXAMINATIONS FOR COURSE CREDIT

Students may take special examinations to qualify for credit in certain courses. For further information as to the courses covered in this manner, students should contact the Student Personnel Office. All tests are administered by the College Testing Service.

Application must be made to the Resgistrar for permission to take a special examination. To qualify for permission to take such an examination, an applicant must be enrolled or must have completed successfully one semester or summer session in Fairmont State College. The applicant must, in addition, establish eligibility in regard to his background in the area concerned. In order to gain college credit by special examination, the student must demonstrate better than average proficiency in the course. Examinations will not be given for courses in which the student has obtained a low grade previously.

Applicants must pay a fee of $3.00 for each special examination, if regularly enrolled at the time of taking the examination, otherwise the fee is $2.50 per semester hour of credit to be received. A receipt for the payment of the fee must be obtained from the Cashier's office. No money will be refunded if any examination is failed. No examination may be repeated.

PROBATION

A student who, in any semester, earns credit in less than two-thirds of his scheduled load and/or falls below a point average of 1.5 will be placed on probation for low scholarship.

DISMISAL FOR LOW SCHOLARSHIP

No student is permitted to remain on probation for two consecutive semesters. If he does not earn credit on three-fourths of his scheduled load and a point-average of 1.7 in the semester in which he is on probation, he is automatically dropped from the college for low scholarship.

A student dropped for low scholarship may petition the Committee on Admissions and Credits for reinstatement after the lapse of two semesters and may be reinstated if the Committee is convinced of his ability and desire to do satisfactory work. If reinstated, the student must meet the regular scholastic regulations from that time on in all college work. These scholastic requirements are stated above.

For the purpose of handling probation problems, two six-week summer terms will be considered the equivalent of a semester.

FEES

REFUND CHANGES

All registration fees are payable on the day of registration.

Students leaving college should check with the Cashier's office to see if all fee payments have been adjusted. If all fees have been paid, those withdrawing during the first and second weeks of the semester may obtain a refund of 90%; those withdrawing during the third and fourth weeks may obtain a refund of 70%; those withdrawing during the fifth and sixth weeks may obtain a refund of 50%. No part of the fees may be refunded after the beginning of the seventh week.

If regular withdrawal becomes necessary in either summer term, 90% will be refunded within the first week; 70% within the second week and 50% within the third week. No refunds are allowable after the beginning of the fourth week.

Laboratory, activity and course fees are to be refunded in the same percentages as outlined above.

Refunds are to be estimated from the first day of registration of a given semester or term.

REGISTRATION FEES

SEMESTER ENROLLMENT FEES

(8 Credit Hours and Above)

	W. Va. Residents**	Non-Residents**
State enrollment fee (Per semester)	$25.00	$175.00
Student activity fee (Per semester)	10.00	10.00
Course fee (Per semester)	3.00	3.00

SUMMER SESSION ENROLLMENT FEES

One term only	15.00	33.33
First and second terms	30.00	66.66
Student activity fee (Payable one term only)	2.00	2.00
Course fee (Payable each term)	1.50	1.50

SCHEDULE OF PART-TIME ENROLLMENT FEES

	W. Va. Residents	Non-Residents
Regular Semester (less than 8 hours)		
For first credit hour	$ 5.00	$ 20.00
For second credit hour	3.00	12.00
For third credit hour	2.00	8.00
For fourth to eighth credit hour, per hour	3.00	12.00
Course fee 25c per credit hour—minimum	1.00	1.00
Summer Session (Less than 4 hours)		
Per credit hour	$ 5.00	$ 10.00
Course Fee (Minimum)	1.00	1.00
Extension classes (Per semester hour)	7.50	30.00

Auditing fee is the same rate as the credit fee.

> "The residence of a person under twenty-one years of age is fixed by the residence of his parents, bona fide guardian, or the parent with whom he makes his home."

Note: A person named as a guardian for the purpose of obviating this provision is not a bona fide guardian. A declaration of intended residence in the state of West Virginia shall not constitute citizenship within said state for the purpose of establishing residence under this provision.

"A resident student is one whose actual bona fide residence is within the State of West Virginia. A person who resides in another state and comes into West Virginia for the purpose of attending school, or for any other temporary purpose, must pay the tuition fee fixed for a non-resident student."

SPECIAL FEES

Late registration fee; per day, 1 to 5 days	$1-5.00
Fee for failure to pre-register (Resident students only)	2.00
Diploma fee	3.00
Fee for rental of cap and gown	1.00
Freshman orientation fee	1.50
Transcript fee (First transcript is furnished free)	1.00
Special examinations for course credit (Regularly enrolled students)	3.00
Special examinations for course credit—Non-enrolled students, per credit hour	2.50
Rates for special students in Industrial Arts classes: IA 134N, 234N, 334N, 434N, 345N, 346N	12.00

REQUIREMENTS FOR BACHELOR OF ARTS AND SCIENCE DEGREES

GENERAL INFORMATION

The requirements for the Bachelor of Arts and the Bachelor of Science degrees differ chiefly in the choice of major fields, although the selection of courses in these fields may also determine the degree to be earned. The degrees and the majors offered are as follows:

Bachelor of Arts Degree

- Art
- English
- French
- History
- Home Economics
- Mathematics
- Music
- Philosophy and Psychology
- Political Science
- Social Science
- Sociology
- Spanish
- Speech and Dramatics

Bachelor of Science Degree

- Biology
- Business Administration
- Chemistry
- Home Economics
- Industrial Arts
- Mathematics
- Office Administration
- Physical Education
- Physics
- Recreation

Candidates for either of the two degrees listed above must have 128 semester hours of credit with a quality point average of 2.0 or better. The quality point average is computed by using all courses entered on the student's permanent record card.

Believing in the principle of general education upon which to build a program of specialized training, the Faculty of Fairmont State College has set up the list of general requirements listed below. In addition each candidate must also have completed all requirements in one major field with an average of "C" or better. The selection of minor fields is optional. All requirements, in summary form, follow:

General Requirements	45-59 Sem. Hrs.
Major Subject	24-44 Sem. Hrs.
Electives	25-59 Sem. Hrs.
(18-24 hours may be used as a minor, if desired)	
Total required for graduation	128 Sem. Hrs.

Courses taken to satisfy the general requirements, or their equivalents, will be included in the major or minor. Thus, a major student in English could count the general requirements in Composition and Literature as part of his major work, and a major in Chemistry could count basic courses in that field and in the related field of Physics as meeting the general requirements in Physical Science.

Attention is also directed to the fact that many of the general requirements may be satisfied by passing successfully an examination covering their content.

Twelve hours of one foreign language is a general requirement for the Bachelor of Arts degree for those who enter college for the first time in September, 1955, or later. Three hours of this requirement may be waived for each unit of the language presented as entrance credit, provided that the student is competent to continue the study of the language at the appropriate college level.

Students pursuing courses leading to the degrees of Bachelor of Arts and Bachelor of Science, who also meet state certification requirements in one or more teaching fields, including the required professional courses, will be recommended for first class teaching certificates in the areas in which they may be qualified.

It is the responsibility of candidates for degrees to know and meet the general requirements of the College and the specific requirements of their chosen curricula. It is the student's responsibility also to keep informed on his grade-point standing. All of this information may be obtained from the student's adviser or from the Registrar's office at any time.

It is expected that, in the changing of general and specific course requirements, a number of students will experience some difficulty in making the necessary adjustments. The Committee on Admissions and Credits has authority to make such adjustments in course requirements as may seem to deal justly with the situations presented.

GENERAL REQUIREMENTS FOR THE BACHELOR OF ARTS AND THE BACHELOR OF SCIENCE DEGREES

Subjects	**Cat. No.**	**Sem. Hrs.**
ART	255	2
ENGLISHz		
(Wr. & Spkn.)	102-A or B, 104	6
(Literature)	202, 204 or 341, 342	6
HEALTH*	102	2
HISTORY	111, 112	6
	207 or 208	3
LANGUAGE**		
French, German, or Spanish	101, 102	6
	201, 202	6
LIBRARY SCIENCE	101	1
MATHEMATICS***	141 or 203 or 204	2
MUSIC	205	2
PHYSICAL EDUCATION		
Women	101, 111	2
Men	115, 116	2
PSYCHOLOGY	103	3
SCIENCE		
Biology	101, 102 or	6
Physical Science****	201, 202	6
SOCIAL SCIENCE	201, 202	6
SPEECH	101	2

*Not required of those students who earn 6 hours credit in biology.

**Required of all candidates for the Bachelor of Arts degree.

***Not required of those students who make satisfactory score on the mathematics test. No credit is allowed for 141 if credit in 203 and/or 204 is earned. Any course in college mathematics may be substituted for these courses in meeting the requirements for these two degrees.

****Not required of physical science majors or those who have credit in college physics and chemistry. No credit is allowed in General Physical Science if credit is earned in physics and/or chemistry.

zEnglish 102C is required in addition to 102 A or B for those students who fail to obtain a satisfactory score on the English placement test.

SPECIFIC REQUIREMENTS IN ALL MAJOR FIELDS

ART

MAJOR 36 Sem. Hrs.

History of Art 8

255	History and Appreciation of Art	2
278	Ancient and Medieval Art	3
377	Italian and Northern Renaissance Art	3
378	Nineteenth Century and Contemporary Art	3
477	Seminar in Art History	2
478	Survey of Mexican Art	3-6

Studio Work (one major area in Art) 12

Ceramics and Sculpture

283	Modeling and Sculpture	3
284	Modeling and Sculpture	3
383	Ceramics	3
384	Ceramics	3
483	Advanced Sculpture	2
484	Advanced Sculpture	2

Design

141	Art Structure	2
291	Commercial Design, I	3
292	Commercial Design, II	3
391	Dress Design	3
392	Textile Design	3
491	Interior Design	3

Drawing and Printmaking

142	Drawing	2
241	Drawing from Life	2
242	Drawing and Painting from Life	3
341	Lithography, I	2
342	Lithography, II	2

Painting

361	Painting in Oil	3
362	Painting in Oil	3
363	Painting in Watercolor	3
364	Painting in Watercolor	3
365	Painting in Gouache	3
461	Advanced Painting in Oil	3
462	Advanced Painting in Oil	3
463	Painting in Any Medium	3
464	Mural Painting	3

Studio Work (Selected from two major areas; see courses listed under Ceramics and Sculpture, Design, Drawing, and Printmaking, and Painting above). 16

MINOR IN ART 24 Sem. Hrs.

History of Art Courses (See Above)	5
Studio Work Courses (See Above)	19

BIOLOGY

(Botany, Zoology)

Candidates for the Bachelor of Science degree may elect either Botany or Zoology as a field of concentration, or a combination of both. A year of General Biology will be required as a prerequisite in any case.

BIOLOGICAL SCIENCE		30 Sem. Hrs.
Required courses		
101, 202 Introduction to Biology	6	
BOTANY MAJOR		24
Required courses		
201 General Botany	4	
310 Plant Physiology	4	
330 Field Botany	3	
340 Morophology I	4	
Electives		
To be selected from list of subjects under "Botany" in section "Courses of Instruction"	9	
ZOOLOGY MAJOR		24
Required courses		
315 Field Zoology	3	
320 Invertebrate Zoology	4	
321 Vertebrate Zoology	4	
350 Comparative Anatomy of Vertebrates	4	
Electives		
To be selected from list of subjects under "Zoology" in section "Courses of Instruction"	9	

BOTANY

(See Biology)

BUSINESS ADMINISTRATION

MAJOR		39 Sem. Hrs.
Required Courses (All Curricula)		24
Bus. 102 Principles of Business	3	
201, 202 Principles of Accounting	6	
306, 307 Business Law	6	
Econ. 101 American Business & Industry	3	
201, 202 Econ. Prin. and Problems	6	
Required Courses from Business, and Economics		15
(These courses must be selected from special curricula, in the above fields)		

Language. No requirement, but French, German or Spanish is desirable.

MINOR IN BUSINESS		18 Sem. Hrs.
Required Courses:	Bus. 102, 201, 202	9
	Econ. 101, 201, 202	9

CHEMISTRY

MAJOR			28 Sem. Hrs.
Courses Required			
101, 102	General Chemistry	8	
201	Qualitative Analysis	4	
240, 241	Quantitative Analysis	8	
301, 303	Organic Chemistry	8	
Language (French or German)			12 Sem.Hrs.
Minor in Chemistry (Not Offered))			

ENGLISH

MAJOR		36 Sem. Hrs.
Required Courses, Composition		12
102, 104 First Year Studies	6	
208, 302, 321, 413 Advanced Studies	6	
Required Courses, Literature		24
202, 204 Study, Appreciation Eng. & Amer. Lit.	6	
351-352 or 361-362 Surveys	6	
Electives, Literature, Group I. 207, 311, 312, 313, 314, 318, 341, 342, 418	6	
Electives, Literature. Group II. 315, 316, 317, 322, 324, 325, 328, 329, 330, 331	6	
Foreign Language One, selected from French, Spanish, or German		12 Sem. Hrs.
MINOR		24 Sem. Hrs.
Required Courses, Composition 102, 104, 208, 302 (or 413), 321		12
Required Courses, Literature 202, 204, 341-342, 351-352, 361-362		6
Electives, Literature Choice may be made in Group I or II as listed in the major.		6

FRENCH

MAJOR			24 Sem. Hrs.
Required Courses			
101, 102	Elementary French or equivalent	6	
201, 202	Second Year French	6	
**301	Literature of the 17th Cent.	3	
**302	Literature of the 18th Cent.	3	
**309	Adv. Grammar and Comp.	2-3	
**421	Literature of the 19th Cent.	3	
**422	Literature of the 19th Cent.	3	
**431	French Civilization and Culture	3	
MINOR			18 Sem. Hrs.

* 2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

**12 semester hours should be selected from courses marked with asterisks for a major.

6 semester hours should be selected from courses marked with asterisks for a minor.

HISTORY

MAJOR			30 Sem. Hrs.
(18 hours in American or European history; 12 in the other field of history).			
Required Courses (American)		12-18	
207, 208 A Survey of U. S. History	6		
304, 306 Latin American History, or 315, 316 Early American History, or 317, 318 History of South and West	4-6		
462 Intro. to Mthds of Research	3		
Elective hours to complete requirement	3		
Required Courses (European)		12-18	
111, 112 Development of Social Institutions, or 221, 222 Modern Europe	6		
307, 308 English History, or 421, 422ab Recent History of the East	4-5		
462 Intro. to Hist. Research	3		
Elective hours to complete requirement	4		
Language (French, German or Spanish)			12 Sem. Hrs.
Economics, Geography, Political Science and Sociology			12 Sem. Hrs.

MINOR IN HISTORY 18 Sem. Hrs.

(12 in American or European History;
6 in the other fields of history).

American: 207, 208; electives.
European: 221, 222; electives.

HOME ECONOMICS

MAJOR
AB Degree—35 Sem. Hrs.
BS Degree—39 Sem. Hrs.

Required	AB	BS
*101 Elementary Clothing	2	2
*102 Clothing Selection and Const.	3	3
*103 Principles of Clothing Selection	2	2
*201 Elementary Foods	3	3
*202 Advanced Foods	3	3
*210 Textiles	3	3
*303 Nutrition	3	3
312 Consumer Education	3	
*315 Home Management	3	3
*320 Home Planning and Furnishing	4	4
*330 Child Care and Development	2	2
340 Quantity Cookery		3
*351 Applied Design	2	2
403 Costume Design	2	
410 Advanced Textiles		3
414 Institutional Management		3
	35	39

Language:	BA Degree	12 Sem. Hrs.
	BS Degree	6 Sem. Hrs.

HOME ECONOMICS AS A MINOR 25 Sem. Hrs.

Required Courses 101, 102, 103, 201, 202, 210, 303, 315.

*The courses starred indicate courses required for state certification.

Recommended for BS degree, Bot. 324, Zool. 310, Chem. 201, 301.

INDUSTRIAL ARTS

MAJOR* 41 Sem. Hrs.

The requirements for a major for the Bachelor of Science degree in Industrial Arts are the same as those for a First Teaching Field in Industrial Arts as set forth in the Bachelor of Arts in Education degree. These requirements are described on page 38.

MINOR 24 Sem. Hrs.

Required Courses

101, 110, (or 422), 130, 134, 140, 202, 242, 322, 325; plus six (6) additional hours from two (2) subject areas, arranged in technical sequences.

*Ind. Arts 335 must be scheduled by all candidates for the teaching degree; recommended for all other students.

Students transferring from hte Engineering curriculum to Industrial Arts may receive credit for the following Engineering courses: 112, 113, 115, 131, 209, 212.

JOURNALISM

MAJOR—(not offered)

MINOR		24 Sem. Hrs.
Required courses in Journalism		12
240 Reporting	3	
270 Communications in Society	2	
271 The Newspaper and Society	3	
312 Publication Problems	2	
340 Journalism Practice	2	
Required courses in other fields		12
English 302 Narrative & Descriptive Writing **or**	2	
English 413 Expository Writing	2	
Speech 330 Fundamentals of Radio Speech **or**	2	
Speech 334 Radio Production	2	
Business 320 Advertising	3	
Pol. Sci. 302 American Government	3	
Phy. Sci. 302 Photography	2	

MATHEMATICS*

MAJOR**		37 Sem. Hrs.
Required Courses		31
121 Solid Geometry***	3	
221 College Algebra	4	
231 Plane Triginometry	3	
251 Analytical Geometry	4	
321 Differential Calculus	4	
331 Integral Calculus	4	
341 Theory of Equations	3	
401 Differential Equations	3	
431 Theory of Determinants and Analytics of Space	3	
Electives: 311, 361, 371, 405, 411, 441, 451		6

MINOR IN MATHEMATICS 30 Sem. Hrs.

Required Courses: 121, 221, 231, 251, 311, 321, 331, 341, 401.

*Bachelor of Science degree candidates in Mathematics should complete: (1) Physics 101, 103 (or 210, 211), (2) Twelve hours in French or German.

**Two units of high school algebra and one unit of plane geometry are required of students taking a major in mathematics.

***Three semester hours may be deducted for solid geometry taken in high school.

MUSIC

MAJOR		
Required Courses		40 Sem. Hrs.
Theory		12
109-110 Theory	8	
209 Theory	4	
Applied Music		10
107-408 Piano	4	
141-442 Voice	2	
*275-492 Orchestral Instruments	4	
Appreciation		6
301 Appreciation	3	
313 History	3	
Conducting		4
345 Choral Conducting	2	
346 Instrumental Conducting	2	
Participation		8
165-466 Men's Chorus		
169-470 Band		
171-472 Women's Chorus		
173-474 College Choir		
MINOR		26 Sem. Hrs.
Theory: 109, 110	8	
Appreciation: 301	3	
Applied Music	8	
107-408 (Min. 3)		
141-442 (Min. 1)		
274-492 (Min. 3)		
Conducting: 345, 346	4	
Participation (See Courses Above)	3	

*Advanced work on organ or a special orchestral instrument may be done to satisfy the 4 hours required in this group.

OFFICE ADMINISTRATION

MAJOR		32 Sem. Hrs.
Required Courses		32
101, 102 Beginning Typewriting (or equivalent)	4	
211 Vocational Typewriting	2	
201, 202 Beginning Shorthand (or equivalent)	8	
251 Business Correspondence	2	
301, 302 Advanced Shorthand and Transcription	8	
311 Office Machines and Filing	2	
401 Secretarial Practice	3	
402 Cooperative Office Practice	3	
Recommended Courses		
Bus. 201, 202 Principles of Accounting	6	
Bus. 306, 307 Business Law (6 hrs. recommended)	3	
Bus. 308 or 309 Industrial Relations	3	
Econ. 201, 202 Economic Principles and Problems	6	
Econ. 302 Economics of Labor	3	
Math. 141 Business Math	2	
Bus. 320 Prin. of Advertising	3	
304 Principles of Marketing	3	
Econ. 303 Money, Credit and Banking	3	
Geog. 204 Economics Geography	3	

MINOR (No minor in Office Administration recommended).

PHILOSOPHY AND PSYCHOLOGY

MAJOR		25 Sem. Hrs.
Required Courses (Option in Philosophy)		
200 Introduction to Philosophy	3	
300 Logic	3	
325 Ethics	3	
350 Comparative Religion	2	
375 History of Christian Thought	2	
400 Philosophy of Religion	3	
425 History of Ancient and Medieval Philosophy	3	
475 History of Modern Philosophy	3	
Psy. 360 Behavior Socialization	3	
Required Courses (Option in Psychology):		
103 General Psychology	3	
300 Principles of Behavior	3	
320 Genetic Psychology	3	
340 Discrimination and Motivation	3	
360 Behavior Socialization	3	
401 Tests and Measurements	3	
430 Methods of Research in Psychology	3	
450 Systematic Psychology	3	
Phil. 300 Logic	3	

PHYSICAL EDUCATION

The requirements for the Bachelor of Science degree in Physical Education under the requirements for the Bachelor of Arts in Education degree. See page 41, 42.

PHYSICS

MAJOR		28-30 Sem. Hrs.
Required Courses in Physics		28-30
101, 103 General Physics, or 201, 211 Engineering Physics	8-10	
310, 311 Electricity and Electronics	8	
320, 321 Mechanics	6	
420, 421 Atomic Physics	6	
Required Courses in Mathematics		22
221 College Algebra	4	
231 Plane Trigonometry	3	
251 Analytic Geometry	4	
321 Differential Calculus	4	
321 Integral Calculus	4	
401 Differential Equations	3	

MINOR IN PHYSICS 22-24 Sem. Hrs.

Required Courses
Physics 101, 103 or 210, 211; 310, 311; 320, 321 or 420, 421
Mathematics: 221, 231, 251 11 Sem. Hrs.

POLITICAL SCIENCE

MAJOR (A)		31 Sem. Hrs.
Basic Courses:		15
101 Fundamentals of Political Science	3	
103 American National Government	3	
203 Comparative Government	3	
307 History of Political Thought	3	
462 Introduction to Methods of Research and Bibliography	3	

The student would normally complete the major requirement according to the following recommendations		16
303 Political Parties and Public Opinion **or**		
304 American Constitutional Government	3	
305 American Diplomacy **or**		
406 International Problems	3	
206 American State and Local Government	2	
207 American Municipal Government	2	
304 American Constitutional Government	3	
407 Legislative Process	2	
408 Judiciary	2	
409 Administrative Process	2	

With the consent of the department, the following may be offered in substitution:

301 Special Studies in Political Science	Arr.
309 Growth and Development of Law	2
310 English Constitutional Law	2
308 Mediaeval Political Thought and Institutions	3
Geography 305 World Political Geography	3

MINOR 19 Sem. Hrs.

101; 103; 203; 307; 309; 407; 408; or 409; 305 or 406.

MAJOR (B)

This course of study is designed to care for those students wishing to complete three years of academic work at Fairmont State College and then enter law school. If the general requirements for graduation are met in this period, the final group of hours required to make a total of 128 may be taken in a recognized law school.

19 Sem. Hrs.

101 Fundamentals of Political Science	3
103 American National Government	3
203 Comparative Government	3
304 American Constitutional Government	3
307 History of Political Thought	3
309 Growth and Development of Law	2
310 English Constitutional Law	2

*For an outline of pre-law courses covering the first three years in this college, and including the above major courses, see page 46.

RECREATION*

MAJOR 34 Sem. Hrs.

Health		4
241 First Aid & Safety Ed.	2	
308 School Health Problems	2	
Theory (Recreation)		14
241 Intro. to Recreation	2	
*341 Workshop & Recreation Institutes	2	
*344 Recreational Leadership	1	
345 Practice Leadership	2	
346 Theory of Recreation	2	
*347 Leisure in the Modern World	2	
442 Camping & Youth Organizations	2	
443 Community & Industrial Recreation	3	
445 Org. & Adm. of Rec. & Playgrounds	3	
Sports in Recreation		10
Physical Education		
115 & 116 Freshmen Orientation	2	
131 or 231 Beg. or Inter. Swimming	1	

	214 Leadership in Graded Games	2	
	*237 Fundamentals of Tennis	1	
	271 272 Team Sports Ind. & Dual Activities	4	
	317 Stunts and Tumbling	1	
	*331 Swimming Techniques and Life Saving	2	
	*337 Advanced Tennis	1	
Recreation			
	*324 Archery & Badminton	1	
	336 Co-recreational Activities	2	
	*339 Bowling	1	
Rhythms and Creative Arts			6
P. E.	325 Folk Dancing	1	
*	425 Children's Rhythms	1	
Rec.	126 Rhythmic Activities	1	
*	325 Square Dancing	1	
I. A.	314 Plastics & Crafts, I	2	
*	414 Plastics & Crafts, II	2	
*Speech	331 Children's Theatre	1	
Art	156 Creative Exp. in Applied Art	2	

MINOR 20 Sem. Hrs.

Recreation 126, 345, 346, 442, 443, 445	15
Physical Education 115, 116, 131	3
Health 241	2

*Courses marked with asterisk are electives.

SOCIAL SCIENCE

MAJOR 39 Sem. Hrs.

Social Science major is identical with the requirements for a teaching field in Social Science. See page 43.

MINOR. No minor is offered in Social Science. Minors if desired are taken in one of the specific Social Sciences.

SOCIOLOGY

MAJOR 24 Sem. Hrs.

Requirements. 9 Sem. Hrs.

Sociology 220 Introduction to Sociology	3
Sociology 320 Rural Sociology	3
Sociology 330 Urban Sociology	3

Electives 15 Sem. Hrs.

Fifteen hours chosen from the courses offered in the Sociology Department upon consultation with the advisor.

MINOR

Requirements 9 Sem. Hrs.

Sociology 220, 320, and 330 as for a major.

Electives 9 Sem. Hrs.

Nine hours selected from the courses offered in the Sociology Department upon consultation with the advisor.

SPANISH

MAJOR 24 Sem. Hrs.

Required Courses

101, 102 Elementary Spanish or equivalent	6
201, 202 Modern Spanish	6

**301	Nineteenth Cent. Literature I	3
**302	Nineteenth Cent. Literature II	3
**327	Adv. Composition and Conversation	3
**340	Spanish American Literature	3
**421	Literature of the Golden Age I	3
**422	Literature of the Golden Age II	3
**430	Spanish Civilization and Culture	3

MINOR 18 Sem. Hrs.

*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

**12 semester hours should be selected from courses marked with asterisks for a major.

6 semester hours should be selected from courses marked with asterisks for a minor.

SPEECH AND DRAMATICS

MAJOR

The requirements for the Bachelor of Arts degree with major in Speech are the same as those described for Speech under the requirements for the Bachelor of Arts in Education degree. See page 18.

MINOR IN SPEECH AND DRAMATICS 21 Sem. Hrs.

Required Courses: 101, 105, 151, 243, 245, 330, 336, 337, 421, 430.

ZOOLOGY

(See Biology)

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE IN EDUCATION

INTRODUCTION

The Department of Education of Fairmont State College is responsible for providing prospective teachers with opportunities to develop those broad understandings and skills which are essential in the development of the educated citizen as well as the successful teacher. Fairmont's teacher education program seeks to achieve these objectives by proper emphasis on the following elements: general education, professional education, and specialized education.

The State Board of Education has adopted a program of general and professional education which is required of all students preparing for teaching. This program includes 42 hours of required work, offered on the lower division level, that is, during the freshman and sophomore years.

COURSES OF INSTRUCTION

Fairmont State College offers three curricula leading to the degree of bachelor of Arts in Education. In addition, students completing Curriculum A will be entitled to a First Class High School Certificate; students completing Curriculum B to a First Class Elementary Certificate; and students completing Curriculum C to the Public School Certificate. Fairmont State College also offers all courses required for the issuance of certificates of lower grade than the first class level named above. Courses of study leading to non-academic permits and special certificates in Art, Music, Industrial Arts, and Physical Education are also available.

Prospective students, who have begun their academic work in an earlier period, and who now seek to qualify for a second or third class, or some other certificate, are urged to confer with the Chairman of the Department of Education, and Registrar, as to the most convenient way to attain the certification they may desire. The detailed outline of the several curricular requirements to be found in following sections is concerned primarily with the needs of students whose academic program began in September, 1949, or later.

It is the responsibility of candidates for a degree to know and to meet the general requirements of the College and the specific requirements of his chosen curriculum. It is the student's responsibility also to keep informed on his grade-point standing. All of this information may be obtained from the student's adviser or from the Registrar's office at any time.

Students not now interested in a four-year teacher education program may arrange a schedule of study which will prepare them to meet certificate requirements at some later date. Such students should consult with the Chairman of the Department of Education and Registrar.

STUDENT TEACHING

Student teaching is required in all curricula. At the present time, elementary school training is provided at the Jayenne and the White elementaory schools. Secondary training is given in connection with local Marion County junior and senior high schools. All student teaching is under the joint direction of Fairmont State College and the Marion County Board of Education.

Eligibility for student teaching is determined by the ability of the student to meet the following requirements:

1. Minimum earned credits in academic and professional courses as follows:
    a. For enrollment in Ed. 250, 32 semester hours including 6 hours in education courses.
    b. For enrollment in Ed. 420, 425, 450, 90 semester hours including 8 hours in education courses.
2. An average of not less than "C".
    a. On all credits to be counted toward graduation.
    b. On all credits in areas of concentration or teaching fields.
    c. On all credits earned in the department of education.
3. A statement from the college health department showing that regulations for a health examination have been complied with.
4. A permit from the students adviser showing semester hours and quality points earned. This permit must be countersigned by the Registrar.

All students seeking degrees under Curricula A, B, and C will be required to complete a total of six hours in student teaching.

Fairmont State College has adopted the block system for scheduling directed teaching. The significant features of this plan are: (1) a semester is reserved for the student in which he or she will schedule a block of professional subjects, including methods and directed teaching; (2) a nine-weeks section of that semester will be used exclusively for directed teaching; (3) during this nine-weeks period, the daily assignment for student teaching will comprise all hours the school is in session; (4) in addition to classroom assignments, student teachers will participate in the extra-curricular activities of the school and community.

The eighth, or final semester of the student's college career normally will be used for directed teaching. However, it may be that the seventh semester in some instances will be more desirable. Students should start planning in the freshman year for scheduling directed teaching. Unless accurate plans are developed early in the college career, students may have considerable difficulty in following the block system.

In other words, all general requirements as well as the requirements of the teaching fields will have to be completed before methods and directed teaching can be scheduled. One also must have completed Introduction to Education and Human Growth and Development in the field of professional requirements. Approximately 15 hours will have to be scheduled in the semester in which student teaching is done. The 15 hours will constitute the block of professional education which is the basis for the phrase "block system".

SUMMARY OF REQUIREMENTS

Briefly stated, the requirements for the Bachelor of Arts in Education degree are: The candidate must earn a minimum of 128 hours credit in approved subjects with a quality point average of 2.0, or better, for all courses attempted, for all professional courses, and for all courses in his teaching fields. He must also meet the general and specific requirements set up for the curriculum and teaching fields he elects.

OUTLINE OF GENERAL REQUIREMENTS FOR THE BACHELOR OF ARTS IN EDUCATION DEGREE

Subject—Cat. No.		Hours Required by Curricula Cur. A	Cur. B	Cur. C	Special Nonacademic
ART	155	0	2	2	0
	156	0	2	2	0
	255	2	2	2	2
ENGLISH*					
(Written and Spoken)	102A or 102B	3	3	3	3
	104	3	3	3	3
	208	3	3	3	3
(Literature)	202	3	3	3	3
	204	3	3	3	3
	207	0	3	3	0
GEOGRAPHY	305	0	3	3	0
HEALTH	102**	2	2	2	2
	308	0	2	2	0
HISTORY	111, 112	6	6	6	6
	207 or 208	3	3	3	3
	302	0	3	3	0
LIBRARY SCIENCE	101	1	1	1	1
MATHEMATICS	203 and/or 204	2***	2	4	2***
MUSIC	101	0	2	2	0
	102	0	2	2	0
	205	2	2	2	2
PHYSICAL EDUCATION	101, 111 (W)	2	2	2	2
	115, 116 (M)	2	2	2	2
	214	0	2	2	0
Additional Courses		0	0	2	0
SCIENCE					
Biology	101, 102	6 or	6	6	6 or
Physical Science	201, 202****	6	6	6	6
SOCIAL SCIENCE	201, 202	6	6	6	6

*Eng. 102C is required in addition to 102A or B for those students who fail to obtain a satisfactory score on the English placement test.

**Not required of those students who complete 6 hours credit in biology.

***Not required in Cur. A and Special Nonacademic curriculum for those students who obtain a satisfactory score on the mathematics test. Any course in college mathematics may be substituted for 203 and 204 in these two curricula. Credit for Math. 141 is not allowed if credit is earned in 203 and/or 204.

****Physical Science 201 and 202 are alternates for biology only in curricula A and Special Nonacademic. Credit is not allowed for General Physical Science if credit is earned in college physics and chemistry.

OUTLINE OF THE PROFSSIONAL REQUIREMENTS FOR THE BACHELOR OF ARTS IN EDUCATION DEGREE

Cat. No.	Subject Title	Hours Required by Curricula *Cur. A	Cur. B	**Cur. C	Special Non-Academic
Ed. 100	Introduction to Ed.	2	2	2	2
Ed. 202, 203	Human Growth & Devel.	6	6	6	6
Ed. 325	Human Adjustment	3	3	3	3
Ed. 226	Primary Methods	0	3	3	
Ed. 336	Intermediate El. Methods	0	3	3	3
Ed. 432	Prin. & Meth. Teach. in H. S.	4	0	4	4
Ed. 250	Observ. & Directed Teach.	0	0-3	0-3	0
Ed. 420	Observ. & Directed Teach.	0	3-6	0	0
Ed. 425	Observ. & Directed Teach.	0	0	3-6	6
Ed. 450	Observ. & Directed Teach.	6	0	0	0
Ed. 431 or	Techniques of Diag. Reading	2	0	0	0
Ed. 306	Tests and Measurements	2	0	0	0
Total		23	23	27	24

*Students in Curriculum A must complete their directed teaching work on the junior or senior high school level in the field or fields selected for concentration, with not less than two hours in any one field, but preferably a 3-3 ratio. Students in Curriculum B must include directed teaching in the primary and intermediate or primary and upper grade levels.

**Students in Curriculum C must complete work in directed teaching on two elementary levels and on the secondary level in both fields, if two are offered for graduation.

CURRICULUM A

1. Curriculum A is planned for the students who wish to prepare for teaching in the junior and senior high schools of West Virginia. This curriculum includes the following:

General education courses	43-47 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Teaching field or fields	62 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education courses total 43-47 semester hours and include the following:

Art 255	2	Library Science 101	1
Biology 101, 102 or		Mathematics* 141, 203, 204	2
Phy. Sci. 201, 202	6	Music 205	2
English		Physical Education	
(Wr. & Spkn.)		101, 111 (W)	2
102-A or B, 104, 208	9	115, 116 (M)	2
(Literature)		Health 102**	2
202, 204	6	Social Science	6
History 111, 112	6		—
207 or 208	3	Total	43-47

*Not required of students who make satisfactory score on mathematics test.

**Not required of students who complete 6 hrs. credit in biology.

3. Professional courses include 23 semester hours as a minimum. These courses are:

Education 100	2	Education 325	3
Education 202, 203	6	Education 432	4
Education 306 or 341	2	Education 450	6
			—
		Total	23

4. Students must complete all requirements in at least one teaching field, and it is strongly recommended, when at all possible, that a second field also be completed. Teaching fields are now available as follows:

Art
Biological Science
Biological and General Science
Commerce—Business Principles
Commerce—Occupational
  (Office Administration)
English
French
Home Economics
Industrial Arts
Mathematics
Music
Physical Education
Physical Science
Physical and General Science
Social Science
Spanish
Speech

CURRICULUM B

1. Curriculum B has been organized for those students who wish to prepare for teaching in the elementary schools of West Virginia. This curriculum contains the following:

General education and other required courses	72 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Specialized courses and electives	33 Sem. Hrs.
	—
Total	128 Sem. Hrs.

2. General education and other courses required in this curriculum total 72 semester hours and include the following:

Art 155, 156, 255	6	Library Science 101	1
Biology 101, 102	6	Mathematics 203 or 204	2
English		Music 101, 102, 205	6
(Wr. & Spkn.) 102-A or B		Physical Education	
104, 208	9	101, 111 (W)	2
(Literature) 202, 204, 207	9	115, 116 (M)	2
Geography 305	3	Physical Science 201, 202	6
Health 308	2	Social Science 201, 202	6
History 111, 112	6		—
207 or 208	3	Total	72
302	3		

3. Professional courses include a minimum of 23 semester hours. These courses are:

Ed. 100	2	Ed. 325	3
Ed. 202, 203	6	Ed. 336	3
Ed. 226	3	Ed. 250 and/or 420	6
			—
		Total	23

CURRICULUM C

1. Curriculum C is planned for those students who wish to qualify for teaching both in the elementary and high schools. This curriculum has the following requirements:

General education and other required courses	76 Sem. Hrs.
Professional courses	27 Sem. Hrs.
Specialized courses and electives	29 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education and other courses required in this curriculum total 76 semester hours, and include the following:

Art 155, 156, 255	6
Biology 101, 102	6
English	
(Wr. & Spkn.)	
102—A or B, 104, 208	9
(Literature) 202, 204, 207	9
Geography 305	3
Health 308	2
History 111, 112	6
207 or 208	3
302	3
Library Science 101	1
Mathematics 203, 204	4
Music 101, 102, 205	6
Physical Education	
101, 111 (W)	2
115, 116 (M)	2
214	2
Additional Courses	2
Physical Science 201, 202	6
Social Science 201, 202	6
Total	76

3. Professional courses include 23 semester hours as a minimum; 26 hours as the maximum acceptable.

Ed. 100	2
Ed. 202, 203	6
Ed. 226	3
Ed. 336	3
Ed. 325	3
Ed. 432	4
Ed. 250 and/or 425	6
Total	27

4. Specialization is required in two teaching fields, unless home economics, industrial arts, or commerce are offered as teaching fields. In a number of fields, specialization may be obtained readily by adding courses to the minimum required in (2) above.

SPECIAL NONACADEMIC CURRICULA

1. The departments of Art and Music maintain Special Non-academic Curricula in addition to the regular college curricula. The Special Nonacademic Curriculum is designed specifically to prepare teachers for work in grades 1 through 12. Consequently, students in this curriculum will necessarily include methods of teaching and directed teaching in all grades in their programs of study. The curriculum includes the following:

General education courses	43-47 Sem. Hrs.
Professional courses	24 Sem. Hrs.
Teaching fields and electives	57-61 Sem. Hrs.

2. General education courses include the following:

Art	2
Biology 101, 102 or	
Phys. Science 201, 202	6
English	
(Wr. & Spkn.)	
102—A or B 104, 208	9
(Literature) 202, 204	6
History 111, 112	6
207 or 208	3
Library Science	1
Mathematics* 141, 203, 204	2
Music 205	2
Physical Ed.	
101, 111 (W)	2
115, 116 (M)	2
Health 102**	2
Social Science	6
Total	43-47

*Not required of students who make a satisfactory score on mathematical test.

**Not required of students who complete 6 hours credit in biology.

3. Professional courses include:

Ed. 100	2	Ed. 226, 336, 432	10
Ed. 202, 203	6	Ed. 450*	6
		Total	24

*Directed teaching must be in grades 1 through 12.

The specific requirements for courses in the subject matter fields of Art and Music can be found under "Art" and "Music" in the list of "Specific Requirements in all teaching fields".

SPECIFIC REQUIREMENTS FOR ALL TEACHING FIELDS

ART* 40 Sem. Hrs.

Required Courses		Min. Required
Freehand Drawing		4
142 Drawing	2	
241 Drawing from Life	2	
242 Drawing & Painting from Life	3	
Design		5
141 Art Structure	2	
291 Commercial Design	3	
292 Commercial Design	3	
391 Dress Design	3	
392 Textile Design	3	
491 Interior Design	3	
Painting and Modeling		6
283, 284 Modeling and Sculpture	4	
361, 362 Painting in Oil	6	
363, 364 Painting in Watercolor	6	
365 Painting in Gouache	3	
History and Appreciation		8
255 History and Appreciation of Art	2	
278 Ancient and Medieval Art	3	
377 Italian & North. Ren. Art	3	
378 Nineteenth Cen. & Cont. Art	3	
477 Seminar in Art History	2	
Art Education		6
155 Creative Exp. in Fine Arts	2	
156 Creative Exp. in App. Arts	2	
355 Mtls. and Tech. for H. S.	2	
356 Crafts for H. S. Teachers	2	
Suggestive Electives (See list below)		11
Ceremics		
Indus. Arts 314, 414		
Plastics and Crafts		
Sculpture		
Adv. History and Appreciation		
Advanced Painting		
Jewelry		

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*The 40 hours requirement listed qualifies for the Special Non-academic Certificate in Art. A First Class High School Certificate in Art is available upon completion of 24 hours from the above outline of courses with a minimum of 6 hours drawn from the freehand drawing group, the design group, the painting and modeling group, and the history and appreciation group.

BIOLOGICAL SCIENCE

32 Sem. Hrs.

Required Courses				12
Biol.	101, 102	Introduction to Biology	6	
Bot.	330	Field Botany	3	
Zool.	315	Field Zoology	3	
Elective Courses				12
Biol.	380	Introduction to Genetics	3	
	480	Principles of Evolution	2	
Bot.	201	General Botany	4	
	310	Plant Physiology	4	
	324	Bacteriology	4	
	340	Morphology I	4	
	341	Morphology II	4	
	342	Plant Ecology	2	
	371	Plant Anatomy	4	
Zool.	320	Invertebrate Zoology	4	
	321	Vertebrate Zoology	4	
	322	Ornithology	2	
	350	Comparative Anatomy of Vertebrates	4	
	410	Histological Technique	1-4	
	411	Histology	2-3	
	420	Vertebrate Embryology	4	
	450	Human Physiology	4	
Chemistry				8
Chem.	101, 102	General Chemistry	8	

BIOLOGICAL AND GENERAL SCIENCE

43 Sem. Hrs.

Required Courses				31
Biol.	101, 102	Introduction to Biology	6	
Bot.	330	Field Botany	3	
Zool.	315	Field Zoology	3	
Chem.	101, 102	General Chemistry	8	
Physics	101, 102	General Physics	8	
Geology	301 or	Physical Geology	3	
	302	Historical Geology	3	

Elective Courses

(See detailed courses listed under Biological Science immediately above)

COMMERCE—BUSINESS PRINCIPLES*

27 Sem. Hrs.

Required Courses			
Bus.	201, 202	Prin. of Accounting	6
Bus.	306	Business Law	3
Bus.	304	Marketing	3
Econ.	201, 202	Econ. Prin. & Probs.	6
Econ.	303	Money, Credit and Banking	3
Math.	141	Business Mathematics	2
Off. Adm.	101, 102	Typing	4

*For preparation in this field students are advised to complete Bus. 211, 2 hrs.

COMMERCE-OCCUPATIONAL

See Office Administration page 40.

ENGLISH

36 Sem. Hrs.

Required Courses, Composition			12
102, 104	First Year Studies	6	
208	Second Year English	3	
321	Study of the Eng. Language	3	

Elective Courses, Composition		
302, 413	2	
Required Courses, Literature		22
202, 204 Study, Appreciation Eng. & Amer. Lit.	6	
351-352 or 361-362 Surveys	6	
Electives, Literature. Group I.		
207, 311, 312, 313, 314, 318, 341, 342, 418	6	
Electives, Literature. Group II.		
315, 316, 317, 322, 324, 325, 328, 329, 330, 331	4	
Library Science or Journalism (Special Activities)		2-3

FRENCH*

First Teaching Field		24 Sem. Hrs.
Required Courses		
101, 102 Elementary French or equivalent	6	
201, 202 Second Year French	6	
**301 Literature of the 17th Cent.	3	
**302 Literature of the 18th Cent.	3	
**309 Adv. Grammar and Comp.	2-3	
**421 Literature of 19th Cent.	3	
**422 Literature of 19th Cent.	3	
**431 French Civilization and Culture	3	
Language (Spanish)		12 Sem. Hrs.

Second Teaching Field

The requirement for the second teaching field is the same as for the first teaching field, 24 semester hours, except for the second language requirement of 12 semester hours.

*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

**12 hours should be selected from courses marked with asterisks.

HOME ECONOMICS

35 Sem. Hrs.

Required Courses

101 Elementary Clothing	2
102 Clothing Selection and Const.	3
103 Principles of Clothing Selection	2
201 Elementary Foods	3
202 Advanced Foods	3
210 Textiles	3
303 Nutrition	3
315 Home Management	3
320 Home Planning and Furnishing	4
330 Child Care and Development	2
340 Quantity Cookery	3
351 Applied Design	2
406 Techniques	2

INDUSTRIAL ARTS

41 Sem. Hrs.

Required Courses		21
101 General Bench Woodworking	2	
110 General Shop or 422 General Shop	2	
130 Elementary Electricity	2	
134 Machine Shop	2	
140 Mechanical Drawing	2	
202 Machine Woodworking	2	
242 Architectural Drawing	2	
322 General Shop	2	
325 Organization and Administration of Industrial Arts	2	

335 Philosophy of Industrial Arts	3	
Elective Courses (Select ten in at least two course areas to develop fields of specialization)		20 Sem. Hrs.
*212 Printing	2	
214 Plastics and Crafts	2	
215 Auto Mechanics	2	
220 Sheet Metal	2	
230 Electricity	2	
234 Machine Shop	2	
300 Blue Print Reading and Slide Rule operation	2	
303 Furniture Construction and Design	2	
304 Cabinet Making	2	
308 Wood Finishing	2	
*312 Printing	2	
314 Plastics and Crafts	2	
515 Auto Mechanics	2	
320 Sheet Metal	2	
334 Machine Shop	2	
340 Mechanical Drawing	2	
342 Architectural Drawing	2	
345 Acetylene Welding	2	
346 Arc Welding	2	
350 Machine Drawing	2	
360 Shop Planning	2	
362 General Graphic Arts	2	
365 Auto Mechanics	2	
388 Cabinet Making	2	
404 Building Construction	4	
404A Building Construction	2	
405 Building Construction	4	
405A Building Construction	2	
408 Cabinet Making	2	
415 Driver Education	2	
420 Sheet Metal	2	
422 General Shop	2	
434 Machine Shop	2	
442 Architectural Drawing	2	
450 Machine Drawing	2	
462 Architectural Drawing	2	
474 Industrial Maintenance	2-3	
475 Mill Wrighting	2-3	
490 Methods and Materials of Teaching I. A.	2	

*Not offered during 1955-56

LIBRARY SCIENCE* 15 Sem. Hrs.

Fairmont State College is offering sufficient courses in Library Science to enable prospective "teacher-librarians" to meet the North Central Association of Colleges and Secondary Schools requirements for high schools enrolling up to 500 students. Some of the courses scheduled will be offered only in alternate years. Students, planning to complete this requirement should arrange to take most of these courses in the last two years of their college work. West Virginia does not certify librarians at this time.

Library Science Courses

302 School Library Administration	3
303 Cataloging and Classification	3
305 Selection and use of Secondary School Library Materials	3
306 Reference and Bibliography	3
404 Practice Work	3

*O. A. 101, or its equivalent, should be taken before enrollment in any 300 or 400 level Library Science courses, except 305.

MATHEMATICS*

		28 Sem. Hrs.
Required Courses		22
121 Solid Geometry**	3	
221 College Algebra	4	
231 Plane Trigonometry	3	
251 Analytic Geometry	4	
321 Differential Calculus	4	
331 Integral Calculus	4	
Electives: 311, 341, 361, 371, 401, 405, 411, 421, 431, 451		6

*Students seeking a teaching field in mathematics are required to complete 2 units of algebra and I unit of plane geometry as prerequisites for courses in college mathematics.

**If solid geometry is included in the entrance credit, 3 semester hours may be deducted from the total requirements.

MUSIC*

		58 Sem. Hrs.
Theory		16
109-110 Theory	8	
209-210 Theory	8	
Applied Music		17
107-408 Piano (Min. 5)	5-6	
141-442 Voice (Min. 2)	5-6	
211, 212 Beg. String Class	2	
213, 214 Beg. Brass Class	2	
215, 216 Beg. Woodwind Class	2	
**275-492 Special Orchestral Instrument	4	
**103-404 Organ	4	
Appreciation		9
301 Music Appreciation	3	
313, 314 Music History	6	
Conducting		4
345 Choral Conducting	2	
346 Instrumental Conducting	2	
Participation		8
165-466 Men's Chorus		
169-470 Band		
171-472 Women's Chorus		
173-474 College Choir		
Music Education		4
102 Mthds. & Mtls. for El. Grades	2	
431 Mthds. & Mtls. for Sec. Schools	2	

*The 58 semester hours requirement listed qualifies for the Special Nonacademic certificate in Music. A First Class High School Certificate in Music is available upon completion of 40 hours from the above outline of courses. This certificates requires 12 hours in the Theory group; 9 in the Applied Music group; 9 in the Appreciation group; 10 in the Conducting group; and 2 in the Music Education group.

**Advanced work on organ or a special orchestral instrument may be done to satisfy four of the hours required in this block.

OFFICE ADMINISTRATION (Commerce-Occupational)

		39 Sem. Hrs. Min. Required
Required Courses		
Accounting		6
Bus. 201, 202 Principles of Accounting	6	
Typewriting		4
O. A. 101, 102 Beginning Typewriting	4	
*O. A. 211 Vocational Typewriting	2	

Shorthand and Transcription				8
O. A. 201, 202	Beginning Shorthand	8		
*O. A. 301, 302	Advanced Shorthand and Transcription	8		
Secretarial Practice				5
O. A. 311	Office Machines and Filing	2		
O. A. 401	Secretarial Practice	3		
Related Courses				13
O. A. 251	Business Correspondence	2		
306, 307	Business Law (6 hrs. recommended)	3		
Econ. 201, 202	Econ. Prin. and Prob.	6		
Math. 141	Business Math. or equivalent	2		
Retailing, Salesmanship, or Advertising				3
Bus. 205	Salesmanship or	3		
Bus. 320	Principles of Advertising	3		

*O. A. 211 and 301 must be scheduled.

PHYSICAL EDUCATION (Men)* 36 Sem. Hrs.

Required Courses				14
Health			6	
102	Personal Health	2		
308	School Health Problems	2		
404	Physical Inspection	2		
Basic Science			4	
310	Human Anatomy	2		
311	Kinesiology	2		
Theory and Practice of Phy. Ed.			4	
115	Freshmen Orientation	1		
116	Freshmen Orientation	1		
461	Organization and Adm. of P. E.	2		
Elective Courses				22
Team Sports (Physical Ed.)			10	
201	Football	1		
202	Basketball	1		
203	Baseball	1		
204	Track	1		
271	Team Sports	2		
320	Theory of Coaching Football	2		
321	Theory of Coaching Basketball	2		
322	Theory of Coaching Track	2		
323	Theory of Coaching Baseball	2		
329	Officiating Football and Basketball	2		
380	Problems of Coaching, Little League Baseball	2		
Recreational Activities			5	
Physical Education				
131 or 231	Beg. or Inter. Swimming	1		
205	Golf	1		
237 or 337	Beg. or Adv. Tennis	1		
272	Ind. & Dual Activities	2		
317	Stunts and Tumbling	1		
330	Advanced Swimming	2		
331	Swimming Tech. & Life Sav.	2		
324	Archery & Badminton	1		
344	Recreational Leadership	1-3		
365	Activities Assisting	1		
School and Community			6	
241	First Aid & Safety Ed. (Health)	2		
314	Lead-up Games for Se. Schools (PE)	2		
336	Co-recreational Activities (Rec.)	2		

442 Camping & Youth Organizations (Rec.)	2	
443 Community & Ind. Recreation (Rec.)	3	
Rhythmic Activities		1
126 Social Dancing (Rec.)	1	
325 Square Dancing (Rec.)	1	
325 Folk Dancing (PE)	1	

*No credit in Physical Education is allowable for participation in intercollegiate sports.

PHYSICAL EDUCATION (Women) 38 Sem. Hrs.

Health		8
102 Personal Health	2	
241 First Aid and Safety	2	
308 School Health Problems	2	
404 Physical Inspection	2	
Theory		6
351 History and Principles	2	
361 Methods for Secondary Schools	2	
461 Organization and Administration	2	
Basic Sciences		4
310 Anatomy and Physiology	2	
311 Kinesiology	2	
Team Sports		7
117 Skills	1	
217 Skills	1	
219 Skills	1	
316 Coaching and Officiating Hockey and Soccer	2	
319 Coaching and Officiating Soft Ball and LaCrosse	2	
327 Coaching and Officiating Volley Ball and Basketball	2	
Individual and Dual Sports		5
131 Beginning Swimming **or** 231 Intermediate Swimming	1	
237 Fundamentals of Tennis **or** 337 Advanced Tennis	1	
317 Stunts and Tumbling	1	
324 Archery and Badminton (Rec.)	1	
330 Advanced Swimming **or** 331 Swimming Techniques and Life Saving	2	
School and Community		4
314 Lead-up Games for Secondary Schools	2	
336 Co-recreational Activities (Rec.)	2	
442 Camping and Youth Organizations (Rec.)	2	
443 Community and Industrial (Rec.)	3	
Rhythms		4
126 Social Dancing (Rec.)	1	
226 Techniques of Modern Dance	1	
325 Folk Dancing	1	
325 Square Dancing (Rec.)	1	
326 Advanced Modern Dance	1	

PHYSICAL SCIENCE 36 Sem. Hrs.

Chemistry		16
101, 102 General Chemistry	8	
201 Qualitative Analysis	4	
240, 241 Quantitative Analysis	8	
301, 303 Organic Chemistry	8	
Physics		16
101, 103 General Physics	8	
310, 311 Electricity and Electronics	8	
Electives (Physical Science only)		4

PHYSICAL AND GENERAL SCIENCE

			44 Sem. Hrs.
Required Courses			16
101, 102	General Chemistry	8	
201	Qualitative Analysis	4	
240, 241	Quantitative Analysis	8	
301, 303	Organic Chemistry	8	
Physics			16
101, 103	General Physics	8	
310, 311	Electricity and Electronics	8	
Biology			9
101, 102	General Biology	6	
380	Intro. to Genetics	3	
Geology			3
301	Physical	3	
302	Historical	3	

THE TEACHING FIELD IN THE SOCIAL SCIENCES

SOCIAL SCIENCE

			39 Sem. Hrs.
General Courses			12
Hist. 111 and 112	Development of Social Institutions	6	
Soc. Sc. 201 and 202,	Fundamental Social Problems	6	
History			12
207 and 208	Survey of U. S. History	6	
221 or 222	Modern Europe	3	
302	History of West Virginia	3	
Economics			3
305	Economic Principles	3	
Geography			3
204 305	Economic Geography, or World Political Geography	3	
Political Science			3
103	American Government	3	
Sociology			3
301, 310, 320, 440, 450	(Choose one)	3	
Electives			3

SPANISH*

First Teaching Field			24 Sem. Hrs.
Required Courses			
101, 102	Elementary Spanish or equivalent	6	
201, 202	Modern Spanish	6	
**301	Nineteenth Cent. Literature I	3	
**302	Nineteenth Cent. Literature II	3	
**327	Adv. Composition and Conversation	3	
**340	Spanish American Literature	3	
**421	Literature of the Golden Age I	3	
**422	Literature of the Golden Age II	3	
**430	Spanish Civilization and Culture	3	
Language (French)			12 Sem. Hrs.

Second Teaching Field

The requirement for the second teaching field is the same as for the first teaching field, 24 semester hours, except for the second language requirement of 12 semester hours.

*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

**12 hours should be selected from courses marked with asterisks.

SPEECH			28 Sem. Hrs.
Required Courses			14
101	Fundamentals of Speech	2	
105	Voice and Diction	2	
243	Debate	2	
336	Play Directing	2	
336L	Play Directing Lab.	1	
337	Effective Speaking	2	
430	Speech Correction	3	
Elective Courses*			14
Forensics			
244	Intercollegiate Debating	1-2	
245	Oratory	1-2	
401	Extemporaneous Speaking	1	
Radio			
330	Fund. of Radio Speech	2	
334	Radio Production	2	
334L	Radio Production Lab.	1	
Theatre			
120	Theatre Appreciation	2	
151	Play Production	2	
152-452	Theatre Workshop	1-2	
251	Acting	2	
301-301L	Makeup	1-2	
318	Modern Drama	3	
Interpretation			
313	Shakespeare: Comedies	2	
314	Shakespeare: Tragedies	2	
421	Poetry Interpretation	3	

*At least one course must be elected in each area.

SPECIAL CURRICULA

PRE-PROFESSIONAL CURRICULA

The courses outlined below are organized to meet the needs of those students who plan to continue their work in some professional school after one or two years as a student in Fairmont. Since most of this work is basic in character, it may be used in meeting the requirements for graduation from Fairmont State College.

Pre-professional work is offered in the following fields:

Dentistry
Engineering
Law
Medicine
Medical Technology
Nursing
Social Work

An outline of the courses to be included in the pre-professional curricula listed above is outlined below for the use of students and advisers. Since the majority of students doing such work will later enter the professional schools at West Virginia University, the courses have been prepared with the idea of meeting the requirements laid down by University authorities for their own pre-professional students. Students expecting to enroll in other professional schools should procure a catalogue from the school they expect to enter with advanced standing so that the course taken here will meet the requirements they need to meet. The pre-professional field adviser will assist students in making all necessary adjustments.

The arrangement of courses of the pre-professional curricula by years may have to be varied somewhat to meet schedule situations and the interests of students. The pre-professional advisers should, however, be consulted as regards any such changes before they are made.

PRE-DENTAL CURRICULUM

Students enrolled in pre-dentistry should plan their programs in relation to the requirements of specific college of dentistry, for the entrance requirements differ somewhat among the various colleges. They should obtain a catalogue from the school of their choice, and use it as a guide in selecting their courses in Fairmont. Only students with a B average, or higher, will be urged to continue dental training.

A recommended schedule for a two year pre-dental course in Fairmont State College follows:

Course	First Year		Second Year	
	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
German 101, 102 or French 101, 102	3	3		
German 201, 202 or French 201, 202			3	3
Biology 101, 102	3	3		
*Zoology 203, 320, 321			4	4
Physics 101, 103			4	4
Chemistry 301, 303			4	4
Psychology 203, 205	3	3		
Electives (Composition, Literature or Sociology)			2	2
	16	16	17	17

*Some dental schools specifically require Zoology. In most instances, Biology or Zoology courses will meet requirements. There normally should be an opportunity to include 3-4 hours of elective courses in the first year.

PRE-ENGINEERING CURRICULUM

The curriculum in pre-engineering is planned, first to give the student an introduction to the arts and sciences common to the various fields of engineering, thereby helping him to select the type of engineering best suited to his liking and ability; secondly, to give him special and technical knowledge in the basic arts and sciences which will enable him to do successful work in the courses in the college of engineering he plans to enter.

As there is a growing tendency to encourage students to obtain a broader education than was formerly required for engineering degrees, it is suggested that students do this through careful selection of electives in economics, history, languages, and science.

A suggested program for pre-engineering courses, extending over the first two years and a possible summer session in Fairmont State College, is outlined below.

Course	First Year		Second Year	
	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
Speech 103	3			
Chemistry 101, 102	4	4		
Engineering 113	3			
Mathematics 221, 231	4	3		
Mathematics 121		3		
Mathematics 251		4		
*Physics 210, 211			5	5
Mathematics 321, 331			4	4
Chemistry 240, 241 or Bus. 306			3	3
History 208				3
ELECTIVES: From French, German, Economics, Philosophy, Political Science, Psychology, Sociology			6	3
	17	17	18	18

*Physics 210 and 211 not accepted for pre-engineering credit unless credit in Calculus, Math. 321 and 331, is earned preceding to or concurrent with enrollment in Physics 210 and 211.

RECOMMENDED COURSES:

Engineering 112	2
Engineering 115	2
Engineering 209	2
Engineering 212	2

PRE-LAW CURRICULUM

If the general requirements for graduation and the major requirements as set out on page 18 are met in the first three years of work at Fairmont State College, the final group of hours to make a total of 128 and to complete all requirements may be taken in a recognized law school. Fairmont State College will then confer the A. B. degree on those students completing the program.

A suggested outline of pre-law courses covering the first three years at Fairmont State College is outlined below:

SUBJECT	HOURS	I		II	III
Library Science	1	101			
English Composition	6	102	104		
Psychology	3		103		

Language	12	101	102	201	202		
Physical Education	2	115	116				
Art	2						255
Music	2					205	
Literature	6					202	204
*Biological Science	6			101	102		
Speech	4	101					105
History	16	111	112	207	208	307	308
Economics	6			201	202		
Business	6					201	202
Political Science	19	101	103	304	203	309 307	310
Electives	5						
	96						

*Physical Science 201 and 202 (6 hours) and Health 102 (2 hours) may be substituted for Biological Science, with the consequent rearrangement of this schedule.

PRE-MEDICAL CURRICULUM

Students preparing for the study of medicine will do well to provide themselves with a broad collegiate training rather than to restrict their studies to a narrow field. A two year program for pre-medical students based upon this principle is here outlined. Unless, however, a valid reason for altering the program exists, all students enrolled in pre-medical work will be required to follow this schedule. Students should know that every school of medicine has definitely prescribed entrance requirements which differ in certain particulars from those of many other schools. As a consequence, one should find out the specific requirements of the school he plans to enter and select the courses that satisfy these requirements. Only students with a B average or higher will be expected to continue medical training.

The following basic courses in Fairmont State College are recommended:

Course	First Year		Second Year	
	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
English 202, 204			3	3
Chemistry 101, 102	4	4		
Foreign Language (German, French, Latin)	3	3	3	3
Biology 101, 102	3	3		
Mathematics 221, 231	4		3	
Chemistry 201, 241			4	4
Physics 101, 103			4	4
Psy. 203		3		
Physical Education	1	1		
Electives				3
	18	17	17	17

PRE-MEDICAL TECHNOLOGY CURRICULUM

Those persons planning to become medical technologists can complete the collegiate requirements at Fairmont State College. A minimum of 60 semester hours of college credit must be presented for entrance to a school of medical technology approved by the Council on Medical Education and Hospitals of the American Medical Association. The entrance requirements must include 12 semester hours of biology, four of which must be zoology, and 12 semester hours of chemistry, 8 of which must be general inorganic and four quantitative analysis. The electives should be chosen from English, mathematics, physics, anatomy, bacteriology, organic chemistry, physiology, and histology.

Any student who wishes to earn a degree from Fairmont State College should schedule courses to meet the general education requirements of this institution. A recommended schedule for such students is as follows:

First Year

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English 102	3	English 104	3
Biology 101	3	Biology 102	3
Chemistry 101	4	Chemistry 102	4
French or German	3	French or German	3
Library Science 101	1	P. Ed.	1
P. Ed.	1	Electives	2-3
Electives	1-2		
	16-17		16-17

Second Year

Chemistry 240	4	Zool. 321	4
English 202	3	English 204	3
Physics 101	4	Physics 103	4
French or German	3	French or German	3
P. Ed.	1	P. Ed.	1
Elective	3	Elective	3
	17		17

PRE-NURSING CURRICULUM

There has been a tendency in recent years in nursing education toward the establishment of a requirement of at least two years of college work preparatory to entering a school of nursing. Students in this curriculum are advised to use their elective hours in the direction of a broad, general education.

A suggested program of studies in Fairmont State College follows:

Course	First Year		Second Year	
	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
Biology 101, 102	3	3		
Language or elective	3	3	3	3
Physical Education			2	2
Literature			3	3
Psychology 203, 205			3	3
Soc. Sci. 201-202			3	3
Electives	3-4	3-4	2-3	2-3
	16-17	16-17	16-17	16-17

PRE-SOCIAL WORK CURRICULUM

The pre-professional curriculum in Social Work is designed to meet the needs of the students who plan to enter the school of Social Work at West Virginia University, or other approved schools of social work. Professional education for the many positions available for professional social workers is on a graduate basis in all accredited schools of social work. The undergraduate program, which may be obtained completely at Fairmont State College, includes broad and intensive preparation in the social sciences and related fields.

Students who choose this course must satisfy all the requirements prescribed for the Bachelor of Arts. They should elect their major in Sociology or Social Science and meet the requirements set up for majors in one of those fields. The program for this curriculum should be planned in consultation with the chairman of the Department of Sociology.

TWO-YEAR CURRICULA

Fairmont State College now offers a number of special two-year curricula, and it is expected that others will be added from time to time. These curricula are now available in the following areas:

Accountancy

Clerical

General Education

Secretarial

The purpose of these curricula is to provide desirable vocational training for those persons who are unable to complete an entire four-year course without interruption, and for those persons who desire some college training organized with a definite objective in mind in contrast to a more or less random selection of courses. These curricula are organized in such a manner as to be complete within themselves, while, at the same time, they will serve as preparation for the more intensive and richer four-year courses. The quality of the instruction offered will be identical with that in the four-year courses.

Fairmont State College has requested the State Board of Education to permit the issuance of a certificate as Associate in Arts or Associate in Science upon the successful completion of any of these special curricula. The student, of course, may choose not to complete all the requirements of a special curriculum and continue work toward a baccalaureate degree instead.

ACCOUNTING CURRICULUM

First Year

Eng. 102, Composition	3	Eng. 104, Composition	3
Bus. 201, Accounting	3	Bus. 202, Accounting	3
Psy. 103, General Psychology	3	Speech 101, Fundamentals	2
Econ. 201, Principles	3	Econ. 202, Problems	3
Electives	4-5	Electives	5-6
	16-17		16-17

Second Year

Bus. 301, Adv. Accounting	3	Bus. 302, Adv. Accounting	3
Bus. 406, Income Tax	3	Bus. 407, Income Tax	3
Bus. 306, Business Law	3	O.A. 101, Beg. Typewriting	2
Bus. 314, Office Management	2	Electives	8-9
Electives	5-6		
	16-17		16-17

SECRETARIAL CURRICULUM

Required Courses:

Bus. 201, 202—Prin. of Acctg.	6
Eng. 102, 104—First Yr. Writ. and Spok. English	6
Eng. 321—A Study of the Eng. Lang.	3
Lib. Sci. 101—Use of the Library	1
Math. 141—Business Math.	2
O. A. 101*, 102—Beginning Typewriting	4
O. A. 201*, 202—Beginning Shorthand	8
O. A. 211—Vocational Typewriting	2
O. A. 251—Business Correspondence	2

O. A. 301, 302—Advanced Shorthand	8
O. A. 311—Office Machines and Filing	2
O. A. 401—Secretarial Practice	3
P. E.—(Any activity course)	2
Psychology 103—General Psychology	3
Speech 101 or 105—Fund. of Speech or Voice and Diction	2

*May be omitted if high school credit accepted.

Recommended Courses:
Bus. 306, 307—Business Law.
Econ. 201, 202—Econ. Principles and Problems.
Health 102—Personal Health.
History 207, 208—A Survey of U. S. History.
Soc. Sci. 201, 202—Fund. Social Problems.
Speech 120—Theater Appreciation.

Elective Courses to make a total of at least 64 semester hours and 128 quality points

CLERICAL CURRICULUM

Required Courses:

Bus. 201, 202—Principles of Accounting	6
Bus. 306, 307—Business Law (6 hours recommended)	3
Eng. 102, 104—First Yr. Writ. and Spok. English	6
Health 102—Personal Health	2
Lib. Sci. 101—The Use of the Library	1
Math. 141—Business Mathematics	2
O. A. 101*, 102—Beginning Typewriting	4
O. A. 211—Vocational Typewriting	2
O. A. 251—Business Correspondence	2
O. A. 311—Office Machines and Filing	2
O. A. 351—Clerical Practice	3
P. E.—(Any activity course)	2
Psychology 103—General Psychology	3
Speech 101 or 105—Fund. of Speech or Voice and Diction	2
One of the following “appreciation” courses	2

Art 255—History and Appreciation of Art, **or**
Music 205—Music in Human Relations, **or**
Speech 120—Theater Appreciation

One of the following general education **sequences**	6

History 207, 208—A Survey of United States History, **or**
Pol. Sci. 103, 203—American National Government and Comparative Government, **or**
Soc. Sci. 201, 202—Fundamental Social Problems

*May be omitted if high school credit accepted.

Elective Courses to make a total of at least 64 semester hours and 128 quality points

GENERAL EDUCATION CURRICULUM

First Year

Eng. 102, Composition	3	Eng. 104, Composition	3
Biol. 101, Intro. to Biol. **or** Phy. Sci. 201, Gen. Phy. Sci.	3	Biol. 102, Intro. to Biol. **or** Phy. Sci. 202, Gen. Phy. Sci.	3
Soc. Sci. 111 or Hist. 111, Dev. of Soc. Inst.	3	Soc. Sci. 112 or Hist. 112, Dev. of Soc. Inst.	3
Speech 101, Fund. of Speech	2	Phil. 101, Intro. to Phil.	3
Lib. Sci. 101, Use of the Library	1	Phy. Ed. 111 or 116, Fr. Orient.	1
Phy. Ed. 101 or 115, Fr. Orient.	1		
Electives	3-4		
	16-17		**16-17**

Second Year

Eng. 202, Literature	3	Eng. 204, Literature	3
Soc. Sci. 201, Fund. Soc. Prob.	3	Soc. Sci. 202, Fund. Soc. Probs.	3
Psy. 203 or 204, Gen'l Psy.	3	Music 205, Music in Hum. Rel.	2
Art 255, Hist. & App. of Art	2	Electives	8-9
Electives	5-6		
	16-17		16-17

COURSES OF INSTRUCTION

Key to Abbreviations

Hrs.—Number of credit hours per course.
PR—Prerequisite.

The Plan for Numbering Courses

Courses 100 to 199—Courses intended primarily for freshmen.
Courses 200 to 299—Courses intended primarily for sophomores.
Courses 300 to 399—Courses intended primarily for juniors.
Courses 400 to 499—Courses intended primarily for seniors.

Schedules

Before the opening of each semester, a schedule is printed announcing the courses to be offered in that semester. Preliminary and final registration is made from this schedule. A complete schedule of all courses offered in the Summer session is printed in the Summer Session Bulletin.

ART*

Miss Rhodes, Mr. Schroder

141. **Art Structure.** Two hours.

A basic course in the principles of design applicable to various media and techniques. Miss Rhodes, Mr. Schroder.

142. **Drawing.** Two hours.

The development of technical skill in the use of various drawing media with a continuation of problems of composition. Mr. Schroder.

155. **Creative Expression in the Fine Arts.** Two hours.

Art related to the general educational program of the elementary schools. Experience in drawing, painting, poster, and design, using various media suitable for children. Miss Rhodes.

156. **Creative Expression in the Applied Arts.** Two hours.

Crafts related to the general educational program. Experience in working with clay, paper, wire, puppets, etc. Miss Rhodes.

241. **Drawing from Life.** Two hours.

Drawing from the posed model accompanied by analytical studies of anatomy. Mr. Schroder.

242. **Drawing and Painting from Life.** Two-three hours.

Continuation of Art 241. Mr. Schroder.

255. **History and Appreciation of Art.** Two hours.

Emphasis upon art in contemporary living. Considers the social, political, and economic impact upon historical backgrounds and modern developments in various art fields. Miss Rhodes.

278. **Ancient and Medieval Art.** Three hours.

History of Art from Prehistoric times to 1400 A. D. An analysis of the philosophical, religious, and political beliefs and conditions that produced various artistic expressions. Use of slides and prints. Mr. Schroder.

283. **Modeling and Sculpture.** Three hours.

Introductory course using clay modeling, plaster, and metal sculpture. Mr. Schroder.

284. **Modeling and Sculpture.** Three hours.

Continuation of Art. 283. Includes carving in wood and stone. Mr. Schroder.

291. **Commercial Design.** Three hours.

Lettering and design for advertising, posters, and display. The approach may be from either the professional or the school point of view. PR, 141. Miss Rhodes.

292. **Commercial Design.** Three hours.

Construction and arrangement of display material. Miss Rhodes.

341. **Lithography.** Two hours.

Study of materials and methods of making drawing on stone and printing with the use of offset press. Mr. Schroder.

342. **Lithography.** Two hours.

Continuation of Art. 341. Mr. Schroder.

355. **Applied Problems for High School Teachers.** Two hours.

Planning and application of immediate problems for high schools. Coordinated with the Education Department and the public schools. Designed for students who are practice teaching or for teachers in service. Miss Rhodes.

356. **Crafts for High School Teachers.** Two hours.

Crafts for high schools, playgrounds, or personal recreation. Students who do not desire education credit will substitute additional problems for discussions of teaching. PR, 141. Miss Rhodes.

361. **Painting in Oil.** Two-three hours.

Still life, landscape, and figure painting in oil. Mr. Schroder.

362. **Painting in Oil.** Two-three hours.

Continuation of Art 361. Mr. Schroder.

363. **Painting in Watercolor.** Two-three hours.

Composition and techniques of painting in watercolor. PR, 142. Miss Rhodes.

364. **Painting in Watercolor.** Two-three hours.

Continuation of 363. Miss Rhodes.

365. **Painting in Gouache.** Two-three hours.

Composition and techniques of painting in opaque watercolor. PR, 142. Miss Rhodes.

377. **Italian and Northern Renaissance Art.** Three hours.

History of painting, sculpture, architecture, and the minor arts in Italy, the Netherlands, Germany, Spain, France, and England from circa 1400 A.D. to the 19th century.

378. **Nineteenth Century and Contemporary Art.** Three hours.

History of art from the 19th century to the present. An analysis of art movement: neo-classicism, romanticism, impressionism, post-impressionism, expressionism, cubism, and surrealism.

383. **Ceramics.** Three-two hours.

Modeling, firing, and glazing pottery and ceramic sculpture. Miss Rhodes, Mr. Schroder.

384. **Ceramics.** Two-three hours.

Continuation of 383. Miss Rhodes, Mr. Schroder.

391. **Dress Design.** Three hours.

Rendering of fashion illustration in various media. PR, 241. Miss Rhodes.

392. **Textile Design.** Three hours.

Designs for stencil, silk screen, and weaving. Study of contemporary designers and professional practices. Techniques applicable to high school teaching. PR, 141. Miss Rhodes.

461. **Advanced Painting in Oil.** Two-three hours.

Experimental study and execution of oil painting using various techniques such as impasto, glazing, and knife painting with also sizing and stretching of canvas and the construction of proper frames. Mr. Schroder.

462. **Advanced Painting in Oil.** Two-three hours.

Continuation of 461. Mr. Schroder.

463. **Painting in Any Medium.** Two-three hours.

The student is permitted to select the medium and then experimentally exploit all the technical and creative possibilities that it permits. Miss Rhodes, Mr. Schroder.

464. **Mural Painting.** Three hours.

The study and execution of mural designs. Mr. Schroder.

477. **Seminar in Art History.** Two hours.

Correlation of art history and aesthetic. PR, 8 hours of art history.

483. **Advanced Sculpture.** Two-three hours.

Carving in wood and stone. Mr. Schroder.

484. **Advanced Sculpture.** Two-three hours.

Continuation of 483. Mr. Schroder.

491. **Interior Design.** Three hours.

Problems of designing and furnishing the home. Considers traditional backgrounds and contemporary development. PR, 141. Miss Rhodes.

* Prerequisites are for students majoring in Art.

BIOLOGICAL SCIENCE

Mr. Davisson, Mr. Creasy, Mr. Hunt, and Staff

BIOLOGY

101. **Introduction to Biology.** Three hours.

This course and the one following constitute a year's study of the biological principles governing living things with particular emphasis on their human implications. The approach of this course was designed especially for teachers in elementary and secondary schools by a state committee of college teachers of biology. Staff.

102. **Introduction to Biology.** Three hours.

Continuation of 101. Staff.

340. **Bio-Ecology.** Two hours.

A study of the relationship of living things to their environment. PR, Biol. 101-102, or equivalent. Mr. Creasy.

380. **Introduction to Genetics.** Three hours.

Elementary studies of the principles of heredity. PR, Biol. 101-102, or equivalent. Mr. Davisson.

480. **Principles of Evolution.** Two hours.

An introduction to the study of evolution. PR, 101-102, or equivalent. Mr. Davisson.

BOTANY

Mr. Creasy

124N. **Microbiology. For Nurses.** Three hours.

Two lectures and one 2-hour laboratory each week. Introductory, morphological, cultural, and physiological characteristics of microorganisms. Open only to students of the Fairmont General Hospital School of Nursing. Mr. Creasy.

201. **General Botany.** Four hours.

Two lectures and two 2-hour laboratories each week. The first part of the semester is given to the study of the structure and functioning of the seed plant. The second part includes a survey of both lower and higher forms of plants with emphasis on reproductive structures. Basic to all other botany courses. Mr. Creasy.

310. **Plant Physiology.** Four hours.

Two lectures and two 2-hour laboratories each week. All of the physiological processes of plants are considered; ascent of sap, transpiration, food synthesis, respiration, translocation, and growth and development. Prerequisite Botany 201 or its equivalent. Mr. Creasy.

324. **Bacteriology.** Four hours.

Two lectures and two 2-hour laboratories each week. The technique of isolating, culturing, and identifying bacteria are considered. Attention is given to disease producing bacteria and methods of disinfection. A general course designed to prepare the student for subsequent studies in sanitation, medicine, agriculture, etc. Mr. Creasy.

330. **Field Botany.** Three hours.

One lecture and two 2-hour laboratories each week. Designed for those that plan to teach. The various groups of plants are considered in the field and laboratory with emphasis on the seed plants. Some attention is given to ecology. Mr. Creasy.

340. **Morphology I.** Four hours.

Two lectures and two 2-hour laboratories each week. Deals with the structural characteristics of the great plant groups through the bryophytes. Their organization, development, and reproductive structures are considered in detail. Teaching materials are compiled, techniques developed, and there are field trips on occasion. Mr. Creasy.

341. **Morphology.** Four hours.

Two lectures and two 2-hour laboratories each week. Continuation of Morphology 340 but may be taken as an independent unit. This course covers the vascular plants including the ferns, gymnosperms, and angiosperms. Mr. Creasy.

342. **Plant Ecology.** Two hours.

Two one hour lectures each week.

A study of structural adaptations of plants for survival in their physical and biological environments. Plant geography is considered. Field trips on occasion. Mr. Creasy.

361. **Plant Histology.** Two to four hours.

Lectures and practical instructions in the preparation of permanent as well as temporary slides for microscopic observation of plant tissues. Various methods of killing, sectioning, and staining are learned. Prerequisite Botany 201. Mr. Creasy.

371. **Plant Anatomy.** Three hours.

Two lectures and one 2-hour laboratory each week. Studies of the fundamental tissue organization of the higher plants. Development and differentation of cell types and structures as related to function are considered. Prerequisite Botany 201. Mr. Creasy.

415. **Problems Course.** Two to four hours.

Advanced work on special phases of botany. Mr. Creasy.

BUSINESS

Mr. Jaynes, Mr. Lucas, Mr. Larkin, Mr. Potesta

102. **Introduction to Business.** Three hours.

A survey of the various fields of business designed to acquaint the student with the basic principles, practices, and employment opportunities of each field. The student is provided, early in his college training, with the information of, and preparation for, the advanced courses in business to aid in choosing his major studies. Mr. Lucas.

201. **Principles of Accounting.** Three hours.

Fundamental bookkeeping procedures. Organization of accounts, journalizing and posting, expense and revenue accounts, adjustments and closing procedures, and the preparation of financial and operating statements for individual proprietorships. Mr. Potesta.

202. Principles of Accounting. Three hours.

Continuation 201, introducing accounting concepts applicable to partnerships and corporations, including manufacturing concerns. Mr. Potesta.

203. Accounting for Small Business. Three hours.

A basic course designed to acquaint business men and industrial personnel with the fundamental bookkeeping and accounting practices. Attention will be directed to the reading and interpretation of financial statements and ledgers to facilitate business management and control. Mr. Lucas.

205. Salesmanship. Three hours.

A study of techniques appropriate to personal selling, both retail and contact. Students are given opportunities to construct and give sales presentations. Mr. Lucas.

301. Advanced Accounting. Three hours.

Interpretation and use of accounting data. Accounting theories applicable to the evaluation of assets and determination of liabilities and net worth. PR, Bus. 201, 202. Mr. Potesta.

302. Advanced Accounting. Three hours.

Continuation of 301. Accounting for partnerships, installment sales, consignment sales, branch accounting, consolidated statements, and estates and trusts. PR, Bus. 301. Mr. Potesta.

304. Marketing. Three hours.

A study of those business activities necessary to effect transfers in ownership of goods and to provide for their physical distribution. PR, Econ. 201, 202 or consent of instructor. Mr. Lucas.

305. Merchandising. Three hours.

Collection, analysis, and planning of merchandising figures in the buying of merchandise for resale. Profit, pricing, and inventories are planned for the retail store. PR, Bus. 201, 202 or consent of instructor. Mr. Lucas.

306. Business Law. Three hours.

Introduction to the study of our legal system, courts and procedure, fundamentals of the law of contracts, agency and negotiable instruments. Mr. Potesta.

307. Business Law. Three hours.

Continuation of 306. Fundamentals of the law of sales, partnership, corporations, and the legal basis of property as applied to business situations. Bus. 307 will not satisfy 3 hour requirement in the teaching field of Commerce-Business Principles. Mr. Potesta.

308. Personnel Management. Three hours.

A study of the field of personnel management and industrial relations including its background, development, job analysis, description and classification, selection, training, wage plans, collective bargaining, personnel records, and research. Mr. Jaynes.

309. Industrial Organization and Management. Three hours.

A study of the problems of the organization and management of an industrial plant, including the selection of plant location, factory buildings, plant layout, power, heat, light, purchasing, etc. **Mr. Jaynes.**

310. **Statistics.** Three hours.

The course includes computation of statistical measurements, methods of collecting and analyzing data, and the interpreting of results. Mr. Jaynes.

312. **General Insurance.** Three hours.

A course designed to acquaint the student with the various types of insurance, both personal and business, to better prepare him to make his own insurance plans as well as to inform him concerning the many types of insurable risks. Mr. Jaynes.

314. **Office Management.** Two hours.

The study of office management principles, analysis of office procedures, filing, transcribing, correspondence, reports, business machines and forms. The application of personnel management techniques to office management, office organization, office layouts. Mr. Larkin.

320. **Principles of Advertising.** Three hours.

A survey course of the social, psychological, and some technical aspects of advertising. For Business and Journalism students. Mr. Lucas.

404. **Cost Accounting.** Three hours.

Elements and methods of cost finding. Methods of collecting and recording the cost of material, labor and burden in factory production. Introduction to concepts of job order, process cost, and standard cost accounting. Mr. Potesta.

405. **Auditing.** Three hours.

Duties and responsibilities of auditors, methods of verification of balance sheet and profit and loss accounts, preparation of working papers, schedules, audit reports, and certificates. PR, Bus. 201, 202, 301, 302, 404. Mr. Potesta, Staff.

406. **Federal Income Tax Accounting: Individual** Three hours.

Preparation of income tax returns from the accounts of an individual; exclusions and inclusions for gross income, capital gains and losses, business expenses and other deductions. Mr. Potesta.

407. **Federal Income Tax Accounting: Partnership and Corporation.** Two-three hours.

Continuation of 406, including preparation of income tax returns from accounts of partnerships, estates and trusts, and corporation. PR, Bus. 406. While previous accounting knowledge or experience will be helpful, no prior accounting training, knowledge, or experience is required. Mr. Potesta.

410. **Investments.** Three hours.

A study of the principles of investment procedure and practices to follow in investing money. Included in the course are the following: methods of statistical analysis; types of investment securities; sources of information; municipals; governments; investment trusts; the stock markets, etc. Mr. Jaynes.

415. **Seminar in Management.** Three hours.

Designed principally for people who are engaged in the general management or supervisory function. Considerable time is given to such topics as the personal organization of the manager, employee training and discipline, personality development, work incentives, grievance procedure, the union contract, and employee testing. Attention is given to such supervisory problems as the supervisor as a teacher and leader, the supervisor and the employee morale problem, the supervisor's management status. Course can be taken for credit (3) or audit. Occupational experience is a desired prerequisite. Mr. Larkin.

416. **Sales Management.** Three hours.

A study of controlling the activities of salesmen and the management of sales promotion; advertising and research. Attention will be given to the selection of sound sales objectives, determination of general marketing policies, analysis of selling functions, and the development of a sales staff with good morale, cooperation, and discipline. PR, Bus. 205 or consent of instructor. Mr. Lucas.

417. **Credits and Collections.** Three hours.

A study of consumer credit management, mercantile credit management, the technical and legal aspects of collections, and credit and collection control. PR, Bus. 304 recommended but not required. Mr. Lucas.

CHEMISTRY

Mr. R. P. Ward, Mr. Haught, and Staff.

101. **General Chemistry.** Four hours.

102. **General Chemistry.** Four hours.

PR, Chemistry 101 .

107N. **Chemistry for Nurses.** Three hours.

201. **Qualitative Analysis.** Four hours.

PR, Chemistry 101, 102.

240. **Quantitative Analysis.** Four hours.

PR, Chemistry 101, 102.

241. **Quantitative Analysis** Four hours.

PR, Chemistry 101, 102.

301. **Organic Chemistry.** Four hours.

PR, 16 hours of Chemistry.

303. **Organic Chemistry.** Four hours.

PR, Chemistry 301.

ECONOMICS

Mr. Jaynes, Mr. Larkin, Mr. Lucas, and Mr. Potesta

101. **American Business and Industry.** Three hours.

A study of the principal American industries with emphasis on their contributions and place in the American economy. A text covering the development of some of the principal industries of America is assigned reading. Each student is given the opportunity of viewing a number of films picturing present day industrial processes. Mr. Lucas.

201. **Economic Principles and Problems.** Three hours.

Fundamental economic concepts with exercises in solving elementary problems. National income and the employment of resources. (This course should be selected by economics and business majors or by non-majors who need at least 6 hours of economics and who will continue with Economics 202). Mr. Jaynes.

202. **Economic Principles and Problems.** Three hours.

Distribution of economic factors of production. Management and control of economic resources. Government finances. International economics. Personal distribution and uses of income. Types of economic systems. As in the first semester, those topics will be supplemented with exercises in the solution of elementary problems. PR, Econ. 201. Mr. Jaynes.

302. **Economics of Labor.** Three hours.

Labor economic theory. Wage theory. Labor unions. Union organizations and tactics. Union weapons. Employer weapons and tactics. Strikes. Labor and social legislation. Labor history. Government and labor. Staft.

303. **Money, Credit, and Banking.** Three hours.

An intensive study of money and credit principles with an analysis of their effects upon prices. History of banking. Banking principles and practices. PR, Econ. 201. Mr. Jaynes.

305. **Economic Principles.** Three hours.

This course is planned for those students who possess only a general interest in the field of economics. It deals with basic facts, concepts, and relationships necessary to understanding our economy. (This course should be selected by those students who need only 3 hours of economics. If at least 6 hours are needed, the student must select Econ. 201 and 202. This course is NOT a substitute for either of them. This course should not be selected by economics and business majors.) Staff.

307. **Consumer Economics.** Three hours.

A study of the problems a consumer must face in his or her day-to-day buying and living. It includes a brief survey of budgets, life insurance, investments, managing personal finances, buying services, and other problems of the consumer. Primarily intended as a general education course for non-majors. Mr. Jaynes.

406. **Guided Economic Study.** One-two-three hours.

Intensive reading, research, and study in current literature and documents in regard to a selected economic problem or group of problems. The field of study will be one in which the student has a special interest. All work will be done individually and the class will be conducted by conferences with each student. PR, 18 hours of Economics, Business, and Social Science courses. Staff.

407. **Advanced Economic Problems.** Two hours.

A course especially designed for seniors who are to graduate in the year in which the course is taken. Its purpose is to give the student a final review of the basic principles as applied to present day economic problems. Staff.

415. **Seminar in Economics.** Three hours.

This course is primarily for people in industry and business or for interested in-service teachers. Principal consideration will be given to current economic problems. Such topics as the business cycle, the distribution of wealth, financing a capitalistic economy, the government's function in business, and the management-labor relationship will be given extended treatment. Automation, the new extension of the Industrial Revolution, will be studied in some detail. Course can be taken for credit or audit. Mr. Larkin.

EDUCATION

Mr. Howard, Mr. Collins, Miss Marple, Mr. Taylor, Mrs. Willard

100. **Introduction to Education.**

This is primarily an orientation course for college freshmen who are considering the field of teacher education as an area of specialization. It is a prerequisite for Ed. 202. Staff.

202. **Human Growth and Development.** Three hours.

The aim of this course is to develop an interest in and an understanding of the child as a developing personality. Laboratory and field work are required. PR, Ed. 100. Staff.

203. **Human Growth and Development.** Three hours.

This course emphasizes learning as a means of growth and development. Laboratory and field work are required. PR, Ed. 202. Mr. Taylor.

226. **Primary Methods.** Three hours.

This course includes three semester hours of primary methods covering grades 1-3. It is designed to provide for the needs of students preparing for the Third-Class Elementary Certificate and for Curricula B and C certification. Mrs. Willard.

250. **Observation and Directed Teaching: Third Class Elementary Certificate.** Three hours.

Student teaching must be on two levels; primary, and intermediate or upper grade level. PR, Ed. 202, 203, 226. Mrs. Willard.

306. **Tests and Measurements in the Public Schools.** Two hours.

The two-fold purpose of this course is to acquaint the prospective teacher with the principles of measurement and evaluation, and to give definite instruction and practice in test construction and use. PR, Ed. 202, 203. Mr. Howard.

325. **Human Adjustment.** Three hours.

The development of a normal personality and the prevention of maladjustments are emphasized. PR, Ed. 202, 203. Mr. Howard.

336. **Intermediate and Upper Grade Methods.** Three hours.

A study will be made in this course of child growth and learning in grades four to eight. Observation of teaching is required. PR, Ed. 226. Miss Marple.

341. **Techniques in Diagnostic Reading.** Two hours.

This course is specifically designed to train prospective teachers to teach reading in grades 1-12 inclusive, and to give students experiences in diagnosing various types of reading difficulties or deficiencies. It will consist of observation, demonstration, discussion, and laboratory work. Mrs. Willard.

395. **Survey of Guidance.** Two hours.

Principles of educational, vocation, and personal guidance are examined. Guidance techniques are studied. PR, Ed. 202, 203. Staff.

420. **Observation and Directed Teaching: Curriculum B.** Two-six hours.

Student teaching must be on two levels. PR, Ed. 202, 203, 226, 336. Miss Marple.

422. **Integrated Methods: Curriculum C.** Three hours.

A study of materials and methods suitable for grades four through twelve. As far as conditions permit this course is integrated with observation and directed teaching. PR, Ed. 202, 203. Staff.

424. **Audio-Visual Aids.** Two hours.

Techniques of effective use of graphic materials, unprojected pictures, objects, specimens, models, field journeys, projected pictures, and audio aids. Required laboratory work includes operation and sound motion picture projectors, slide film, and opaque projectors, and phono-transcription audio equipments. Mr. Fites

425. **Observation and Directed Teaching: Curriculum C** Six hours.

A minimum of two consecutive hours must be reserved for this course. Observation and student teaching are required on three levels: Primary, intermediate or upper grade (including junior high), and senior high school. Enrollment during two semesters will be required to earn six hours. PR, Ed. 202, 203, 226, 325, 422. Mr. Collins, Miss Marple.

431. **Materials and Methods.** Two hours.

A course in special methods. Chairmen of departments of subject matter fields requiring unique and special methods may offer this course in co-operation with the Department of Education after securing the approval of the Chairman of the Department of Education. PR, 202, 203, 432.

432. **Principles and Methods of Teaching in the Secondary School.** Four hours.

A survey of the basic principles of learning and of the techniques of teaching in the secondary school. Observation in the public junior and senior high schools is required. PR, Ed. 202, 203, 325, 395. Mr. Collins.

450. **Observation and Directed Teaching: Curriculum A.** Six hours.

One-half day should be reserved for this course. Observation and student teaching is generally required in two areas of concentration or teaching fields. PR, 202, 203, 325, 395. Mr. Collins.

455. **Philosophy of Education.** Two hours.

This course undertakes the exposition of some of the classic philosophies of education for the assistance they may give in the solution of the problems of our democratic society. Mr. Howard.

460. **Current Trends in Education.** Var. Cr.

This course is designed for students who have had experience in teaching. Its purpose is to bring teachers up-to-date on recent developments in the field of education, particularly in regard to the principles and methods of learning and teaching. Mr. Howard.

ENGINEERING

112. **Machine Shop.** Two hours.

This course is an introductory course in the care and use of machines, safety practices, etc. Work on the lathe will be emphasized. Several projects in simple machine work are to be developed by the students. Mr. Carmichael.

113. **Mechanical Drawing.** Three hours.

This course is designed especially for engineering students. The following topics are studied: care and use of instruments, lettering, orthographic projections, use of auxiliary projections, isometric projections, tracing and blue printing. Mr. Wise.

115. **Welding and Heat Treatment.** Two hours.

Designed especially for engineering students, this course consists of lectures, recitations, demonstrations, and shop practices on oxy-acetylene, electric and resistance welding of pipes, tubing, and plates. Some opportunity will be given for practice in the molding and casting of ferrous and non-ferrous metals. Mr. Carmichael.

131. **Descriptive Geometry.** Three hours.

PR, Engr. 113, and Math. 121.

201. **Mechanics.** Three hours.

This course is designed especially for engineering students. The following topics are studied: resultants of force systems, equilibrium of force systems, first moments and centroids. PR, Math 231 and Physics 210. Mrs. Ford.

202. **Mechanics.** Three hours.

This course is a continuation of Engr. 201. The following topics are studied: motion of a body, work and energy, impulse and momentum, second moments. Mrs. Ford.

209. **Elements of Machine Design.** Two hours.

This course is designed to give engineering students a knowledge of empirical designs, standard commercial parts, such as keys, bearings, shafting, coupling, screw filings, limits, tolerance and allowance. Mr. Wise.

ENGLISH

Mr. Weihe, Miss Tate, Mrs. McCarty, Mr. Opp, Mr. Rhodes, Mr. House.

102c. **English Fundamentals.** Three hours.

A requirement for all students who fail to meet certain minimum standards in a placement test. Affords elective credit and eligibility to 102b, or, with achievement satisfactory to the department, to 104. Staff.

102b. **First Year Written and Spoken English.** Three hours.

College-level training in writing and speaking good English, including a short review of grammar, sentence-structure, and punctuation; attention to the organization and development of thought, both in student compositions and in expository reading material; guidance in the use of reference books. Staff.

102a. **First Year Spoken and Written English.** Three hours.

A course for those achieving the highest score in the placement test. An advanced program in reading, speaking, and writing leading to an understanding of English as a medium of communication. Staff.

104. **First Year Written and Spoken English.** Three hours.

A continuation of English 102, with emphasis on reading for implication and critical evaluation; further writing projects, including a research paper. Staff.

English 102 and 104 are prerequisite for all English courses numbered 200 or above.

202. **Study and Appreciation of English Literature.** Three hours.

The formulas of literary criticism applied to selections representing types and forms in this literature. Mr. Weihe, Mrs. McCarty, and Staff.

204. **Study and Appreciation of American Literature.** Three hours.

A concentrated study of poetry and prose representing types and forms in this literature. Included are such authors as Emerson, Thoreau, Hawthorne, Poe, Twain, Whitman, James, Sandburg, Hemingway, Faulkner, Frost, Cather, Dreiser. Miss Tate and Staff.

English 202 and 204 are prerequisite for all English courses numbered 300 or above, unless such courses are indicated as exceptions.

207. **Backgrounds of Literature.** Three hours.

A survey of literature desirable for children; development of principles of selection and standards of evaluation; wide acquaintance with current books. Miss Tate.

208. **Second Year Written and Spoken English.** Three hours.

Development of ability to communicate in clear, effective, correct English, with emphasis on preparation and delivery of representative types of speech. PR, English 102, 104. Mr. West.

302. **Narrative and Descriptive Writing.** Two hours.

Practice in writing the simpler forms of fiction and personal narrative with descriptive detail. Staff.

311. **Poets of the Romantic Period.** Three hours.

A concentrated study of representative poems of Burns, Wordsworth, Coleridge, Byron, Shelley, and Keats. Mr. Rhodes.

312. **Poets of the Victorian Period.** Three hours.

A concentrated study of representative poems of Tennyson, Browning, Rossetti, Arnold, and Swinburne. Mr. Rhodes.

313. **Shakespeare.** Two hours.

A study of representative comedies. Mr. Rhodes.

314. **Shakespeare.** Two hours.

A study of representative tragedies. Mr. Rhodes.

315. **The English Essay.** Three hours.

Critical readings in representative English essayists. Miss Tate, Mr. Opp.

316. **The American Essay.** Three hours.

Critical readings in representative American essayists. Mr. Opp.

317. **Word Study.** Two hours.

A course in the study of the origins and developments of the English vocabulary. Mr. Weihe.

318. **Modern Drama.** Two hours.

The history of the British drama and the study of modern dramas—Continental, British, and American—from Ibsen to the present time. Miss Tate.

321. **A Study of the English Language.** Three hours.

Word history and analysis; diction; descriptive grammar and constructions; fundamentals of composition. PR, English 102, 104. Required of all prospective teachers of English. Miss Tate.

322. **The Modern Short Story.** Two hours.

A critical study of this art form as a representation of dramatic motivation in human experience, based upon the work of British, Continental, and American authors. Mr. Weihe, Mr. Opp.

324. **The Modern Novel.** Three hours.

An historical and critical study of great British and American novels of the nineteenth century. Mr. Opp.

325. **The Modern Novel.** Three hours.

An historical and critical study of great British and American novels of the twentieth century. Mr. Opp.

328. **The Current Scene in Literature.** Two hours.

A course showing present-day attitudes as reflected in the work of American and foreign writers. Mr. Weihe.

329. **The Current Scene in Literature.** Two hours.

A continuation of the preceding. Mr. Weihe.

330. **The Old Testament as Literature.** Three hours.

A study of the literary types and content of the Old Testament. Formerly Eng. 223. Mr. Rhodes.

331. **The New Testament as Literature.** Three hours.

A study of the literary types and content of the New Testament. Formerly Eng. 224. Mr. Rhodes.

341. **Survey of World Literature.** Three hours.

A study in translation of some of the great writers of the world, exclusive of English and American; from Homer through Dante. PR, English 102, 104. Mr. Weihe.

342. **Survey of World Literature.** Three hours.

A continuation of 341 covering the period from the Renaissance to modern times. PR, English 102, 104.

351. **Survey of English Literature.** Three hours.

A study of the mind and temper of the English people as seen in their literature from Beowulf to the Romantic Movement. Mr. Opp.

352. **Survey of English Literature.** Three hours.

A continuation of 351 through the nineteenth and early twentieth centuries. Mr. Opp.

361. **Survey of American Literature.** Three hours.

An historical study of the American mind as expressed in literature from Colonial times to Hawthorne. Mr. Weihe, Miss Tate.

362. **Survey of American Literature.** Three hours.

A continuation of 361 to the literature of present time. Mr. Weihe, Miss Tate.

371. **Folk Literature.** Three hours.

A survey course whose chief focus is on the study of ballads in the great collection of F. J. Child; but kindred material is also studied and collected; superstitions, hymns, riddles, stories, and songs. Miss Musick.

403. **Study and Appreciation of English Literature.** Three hours.

A course set up on a temporary basis to assist students in transferring from other curricula to Curriculum C. Staff.

404. **Study and Appreciation of American Literature.** Three hours.

A course set up in the same manner as 403 to assist students in meeting Curriculum C requirements. Staff.

413. **Expository Writing.** Two hours.

Study and practice of the various kinds of expository writing, with special emphasis upon the skilled production of research papers. Mr. Rhodes.

418. **English Drama, Exclusive of Shakespeare, Through the Eighteenth Century.** Two hours.

A close study of representative types of English drama, excepting that of Shakespeare, from the beginning to the nineteenth century. Such playwrights as Marlowe, Webster, Jonson, Lyly, Beaumont, Fletcher, Goldsmith, Congreve, Sheridan are studied. Miss Tate.

FRENCH

Miss Terry

101. **Elementary French.** Three hours.

Pronunciation, early reading for comprehension of easy prose, elements of grammar, oral and written drill and composition. No credit is given for French 101 without 102.

102. **Elementary French.** Three hours.

Continuation of 101. One year of high school French is also considered as a satisfactory prerequisite for this course.

201. **Second Year French.** Three hours.

Reading, grammar and conversation. PR, 101, 102, or two years of high school French.

202. **Second Year French.** Three hours.

Pronunciation, grammar, reading and conversation. PR, 201.

301. **Literature of the Seventeenth Century.** Three hours.

Reading of the plays of Corneille, Racine, and Moliere, with outside reports from other writers. PR, two years of College French or equivalent.

302. **Literature of the Eighteenth Century.** Three hours.

Especial emphasis on the writings of Rousseau and Voltaire with outside readings on the other writers. PR, same as for 301.

308. **French Conversation.** Two hours.

309. **Advanced Grammar and Composition.** Three hours.

310. **French Conversation.** Two hours.

421. **Nineteenth Century Literature to 1850.** Three hours.

Emphasis on Hugo, Balzac, Chateaubriand.

422. **Nineteenth Century Literature Since 1850.** Three hours.

A continuation of 421.

431. **French Civilization and Culture.** Three hours.

PR, 12 hours of French, or equivalent.

GEOGRAPHY

Mr. Moore, Mr. Bone

204. **World Economic Geography.** Three hours.

A study of the distribution and organization of economic resources within the framework of a regional geographical arrangement. Staff.

305. **World Political Geography.** Three hours.

An introduction to the field and methods of political geography and the application of these methods in an analysis of the power relationships of modern states. Mr. Moore.

GEOLOGY

Mr. Haught

301. **Physical Geology.** Three hours.

This course is given to a description of the composition and structure of the earth and the physical processes bringing about changes of the surface of the earth.

302. **Historical Geology.** Three hours.

The geologic history of the earth and the evolution of animal and plant life as revealed by the rocks.

GERMAN

Mr. Bone

101. **First Year German.** Three hours.

The elements of German grammar; simple reading exercises; pronunciation; written assignments. Offered in 1956-57 and in alternate years.

102. **First Year German.** Three hours.

A continuation of the above course; special topics in grammar and greater emphasis on reading and conversation. Offered in 1956-57 and in alternate years. PR, 101 or one unit of high school German.

201. **Intermediate German.** Three hours.

Grammar review; composition; conversation; reading of fiction. The principal aim of the course is the reading of narrative material of moderate difficulty. Offered in 1955-56 and in alternate years. PR, German 102 or equivalent.

202. **Intermediate German.** Three hours.

This course continues the work of German 201, but with greater emphasis on spoken German and the reading of more difficult material. Offered in 1955-56 and in alternate years. PR, German 201 or equivalent.

HEALTH

Staff

102. **Personal Health.** Two hours.

This course consists of a study of the individual health of the student. Mr. Wilson.

241. **First Aid and Safety Education.** Two hours.

Study of immediate, temporary treatment in cases of accident or sudden illness prior to medical aid. Mr. Duvall.

306. **Marital Relations.** Two hours.

Problems of the individual with relation to marriage, personality, parenthood, sex, counseling and the teaching of marital relations. Mr. Wilson.

308. **School Health Problems.** Two hours.

Survey of school programs, school health services and interrelationships. Miss Walters.

404. **Physical Inspection.** Two hours.

Physical inspection and correction of remedial defects. Miss Walters.

HISTORY

Mr. Moore, Mr. Bone, Mr. Smith

111. **Development of Social Institutions.** Three hours.

A survey of the history of man—his governmental, economic, social, religious, intellectual, and esthetic activities in Europe, Asia, Africa, and in the Americas—from the earliest times to the beginning of the modern era. Staff.

112. **Development of Social Institutions.** Three hours.

A survey of the history of man—his governmental, economic, social, religious, intellectual, and esthetic activities in Europe, Asia, Africa, and in the Americas—from the beginning of the modern era to the present time. Staff.

205. **Contemporary Affairs.** Two hours.

A study of contemporary political, economic, social, and intellectual affairs in the United States and their relationship to important developments elsewhere in the world. Mr. Smith.

207. **The United States to 1865.** Three hours.

A survey course in United States history from the Age of Discoveries to the end of the Civil War. Mr. Moore.

208. **The United States Since 1865.** Three hours.

A survey course in United States history from the end of the Civil War to the present time. Mr. Moore.

221. **Modern Europe from the Renaissance to the Congress of Vienna.** Three hours.

This course offers a survey of the political, social, and cultural developments within the limits indicated by the title. Mr. Bone.

222. **Modern Europe Since 1815.** Three hours.

An integrated study of political, economic, social, and ideological situations and movements which have resulted in the contemporary challenge to world order. Mr. Bone.

302. **History of West Virginia.** Three hours.

A study of West Virginia from the first settlements to the present time. Mr. Moore.

304. **The United States and Latin America.** Three hours.

A study of the interrelation of the United States with the States of Latin America from the discovery of America to the present. Mr. Smith.

306. **History of Latin America.** Three hours.

A survey of the history of Latin America from the Spanish Conquest to the present. Mr. Smith.

307. **England to the Glorious Revolution.** Two hours.

A survey of the English history from Celtic times to the Glorious Revolution of 1688. Mr. Moore.

308. **England Since the Glorious Revolution.** Two hours.

A survey of English domestic and imperial history from 1688 to the present. Mr. Moore.

312. **Diplomatic History of the United States.** Three hours.

A study of the foreign relations of the United States and the development of basic American foreign policies from the colonial period to the Spanish-American War. Mr. Smith.

313. **Diplomatic History of the United States.** Three hours.

A study of the foreign relations of the United States and the development of American foreign policies from the Spanish-American War to the present. Mr. Smith.

315. **Colonial America.** Two hours.

An intensive study of the American colonies from their beginnings to the end of the Revolutionary War. Mr. Moore.

316. **Jeffersonian and Jacksonian Democracy.** Two hours.

A study in the development of political, legal, and economic ideals during the period 1783-1840 with particular emphasis on the Federal Constitution and its elaboration at the hands of the Supreme Court. Staff.

317. **History of the South.** Three hours.

A study of the South from Colonial times to the present. Mr. Moore.

318. **The Westward Movement.** Three hours.

A study of the American frontier and of its westward migration. Mr. Moore.

320. **Economic History of the United States.** Three hours.

A survey of the economic development of the United States from the colonial period to the present. Mr. Smith.

401. **Reconstruction and National Development.** Three hours.

A detailed study of the Reconstruction period and of the national development of the United States during the period 1865-1898. Staff.

402. **Contemporary Europe.** Three hours.

A study of international conflict in the twentieth century, the attempt to establish a basis for world order, and the revolt of the Orient against European colonialism. Mr. Bone.

410. United States Since the First World War. Three hours.

An intensive study of the history of the United States from the First World War to the present with emphasis on the participation of the United States in world affairs. Mr. Smith.

421. History of Russia. Two hours.

This course briefly traces Russian national development from its origins to the time of Peter the Great; Czarist absolutism during the 18th and 19th centuries is treated in greater detail. About one-half of the class time is given to the study of the communist state and to Russia's contemporary international relationships. Mr. Bone.

422A. Recent History of the Far East. Two hours.

A brief outline of the political and cultural development of China and Japan from the sixteenth century down to 1842 and 1853 respectively. More emphasis is placed upon the international relations of the two countries within the last century and upon their contemporary problems. Mr. Bone.

422B. Recent History of the Middle East. One hour.

The impact of western colonialism on India and Indonesia during the past century; their establishment as independent states; the problems of statehood and international relationships. Mr. Bone.

460A. Guided Historical Study. One-two hours.

A supervised reading program in the field of American history designed to acquaint the student with the major writings in the field. Staff.

460B. Guided Historical Study. One-two hours.

Intensive reading on a topic or problem of European history selected upon consultation with the instructor. PR, Consent of the instructor. Staff.

462. Methods of Research and Bibliography. Three hours.

An introduction to the materials and methods of historical research. Mr. Moore.

HOME ECONOMICS

*Courses open to all students

**Courses open to all women

****101. Elementary Clothing.** Two hours.

Basic construction processes used in simple garments for sports, school, and street wear. Problems are adapted to previous experience. Miss Hall.

****102. Advanced Clothing Construction.** Three hours.

The use of detailed and tailored finishes and problems of fitting and management in the construction of suits and varied types of clothing. Miss Hall.

***103. Principles of Clothing Selection.** Two hours.

An analysis of family and individual needs in planning the wardrobe and selecting clothing from the standpoint of economy, becomingness, use, and maintenance. Miss Hall.

110N. Foods and Nutrition for Nurses. Three hours.

The food requirements of an adequate diet for normal individuals. Calculation of the nutritive value of recipes and the planning of diets to meet specifications. Food preparations suitable for liquid, soft, and light diet. Mrs. Hess.

*201. **Elementary Foods.** Three hours.

Application of recent theories of food preparation and preservation as they affect the nutritive value, flavor, and appearance of food. Foods prepared are incorporated into family meals. Mrs. Hess.

*202. **Advanced Foods.** Three hours.

Continuation of Home Economics 201; meal services with emphasis on planning, preparing and serving family meals, that will teach management of time, energy, and money. Mrs. Hess.

*210. **Textiles.** Three hours.

Development of an understanding of the effect of fiber content, construction, and finish on the quality, serviceability, care, and cost of clothing and household fabrics. Miss Hall.

230. **Handicrafts. Two-three hours.

Practical leisure activities for constructing useful and beautiful objects. Helpful to playground or camp workers. Techniques in weaving on large and small looms, basketry, stenciling, stitchery, etc. Miss Hall.

301. **Fundamentals of Clothing Construction.** Three hours.

A laboratory course, designed for evening students, emphasizing efficient use of time, money, energy in construction of appropriate clothes for the individual or family. Miss Hall.

302. **Meal Management.** Three hours.

Meal preparation and table service from the viewpoint of economy of time, effort, and money. A variety of meals will be prepared and served—family, buffet, brunch, coffees. Preparation of special foods—teas, parties, and other social functions. This course is designed especially for non-majors. Mrs. Hess.

303. **Nutrition.** Three hours.

The six food nutrients—characteristics and functions in the normal diet of adults and children. Nutritive value of raw and cooked foods. Calculation of dietaries and preparation of exhibits. PR, H. E. 201, 202. Open to non-majors by consent of instructor. Mrs. Hess.

*305. **Nutrition in the Public Schools.** Three hours.

Essential nutrition information for the teacher in the public school. Materials and methods of presenting nutrition facts to children. The federal school lunch program as an integral part of the school program. Recommended for "B" curriculum. Mrs. Hess.

*307. **Family Clothing.** Two hours.

The selection and construction of clothing for various members of the family from the physiological, economic, aesthetic, and psychological standpoint. Special consideration will be given to renovation problems and clothing for children. Miss Hall.

310. **Family Life Education. Two hours.

Study of family experiences and cultural environment influencing personality development. Interaction of family members through all phases of family living. Evolution of the family from institution to companionship family. Mrs. Hess.

*312. **Consumer Education.** Three hours.

How to select large and small household consumable goods, such as silver, china, glass, cosmetic and electrical appliances. Source material which provide consumer information; the consumer movement and legislation for consumers. Open to men and women. Mrs. Hess.

315. **Home Management.** Three hours.

A study of the management of family resources; human, financial, material, and mechanical. Practical management problems used. One third time is used for selection, performance, and care of house equipment. Miss Hall, Mrs. Hess.

*320. **Home Planning and Furnishing.** Four hours.

Designed to help the family use its resources advantageously in the selection of housing. Development of discrimination in the selection and arrangement of furnishings. Opportunities for experience in using color, texture, pattern in practical problems. Miss Hall.

*330. **Child Care and Development.** Two hours.

The training of the child from pre-natal period through the pre-school period. Habit training and development of the child—physical, social, emotional, and spiritual training—are included. Mrs. Hess.

340. **Quantity Cookery.** Three hours.

Application and principles of selection and cookery to large quantity preparation. Menu making, food standards, food cost, and food service are stressed. Operations and use of equipment practiced. Laboratory in college food service. PR, H. Ec. 303. Mrs. Hess.

351. **Applied Design. Two hours.

The development of simple designs, color combinations, and texture combinations in relation to accessories for home and clothing. Articles—table linens, aprons, bags, rugs, etc. Miss Hall.

402. **Tailoring (Formerly Advanced Dressmaking).** Three hours.

The construction of a dress, suit, and accessories with emphasis on selection of fabric, fitting, and tailored details. Designed for evening students. Consult instructor for prerequisites. Miss Hall.

403. **Costume Design.** Two hours.

Gives an opportunity for the girl to express creativeness by draping, drafting, and pattern adaptation of garments suitable to her figure. Attention is given to fitting. Prerequisites 101, 102, or consent of instructor. Miss Hall.

406. **Home Economics Techniques.** Two hours.

Required for teachers. The philosophy and goals of home economics, the organization of teaching materials; experience in techniques of planning, discussion, demonstration, display, evaluation. Miss Hall, Mrs. Hess.

408. **Diet in Disease.** Three hours.

The diet therapy approach in disease. Staff members of Fairmont General Hospital.

410. **Advanced Textiles.** Three hours.

Fabric analysis and fabric testing for quality and probable serviceability in relation to use. PR, Home Ec. 210. Miss Hall.

414. Institutional Management. Three hours.

A study of the organization and management problems in food service units in institutions. Emphasis will be placed on types of management; personnel problems; records for control; store-room procedure; floor plans and routine; equipment and furnishings. PR, Home Ec. 340. Staff.

INDUSTRIAL ARTS*

Mr. Johnson, Mr. Carmichael, Mr. Wise

101. General Bench Wood Work. Two hours.

A beginning course of wood work in which materials, tools, tool processes, fastenings, and constructions are studied. Construction work consists of projects embodying typical tool operations. No power machines are used in this course. Mr. Johnson.

110. General Shop. Two hours.

This course is designed for those students who have had no industrial education training before coming to this college. Industrial education majors and minors with no previous work in this field should take this course first, also students wishing to discover their interests or aptitudes or to broaden their educational outlook. Mr. Wise.

120. Materials of Industrial Arts. Two hours.

130. Elementary Applied Electricity. Two hours.

A study of electrical theory followed by laboratory practice. Bell circuits, house wiring, fluorescent lighting, and wiring, and the repair of household appliances will be studied. The making of a miniature motor will be included in the shop projects. Mr. Wise.

134. Machine Shop. Two hours.

A beginning course in the use of the fundamental hand and machine tools. Study will involve care and operation of the lathe, drill press, and grinder. Material and tool specifications will be introduced. Mr. Carmichael.

140. General Mechanical Drawing. Two hours.

A study of drawing as the universal language of industry. This course is on the college level for beginners. It includes lettering, orthographic projection, developed surfaces, sectional views, working drawing, and blue printing. Mr. Wise.

202. Machine Woodworking. Two hours.

A study of the principles of cabinet construction and design as applied to furniture manufacture. Woodworking machines are used in the construction of projects involving the problems studied. Mr. Johnson.

209. Machine Drawings. Two hours.

A course in which the characteristics of metals and machine parts are studied. Typical machine elements such as screw threads, cams, and gears are drawn and blue printed. Mr. Wise.

212. Printing. Two hours.

214. Plastics and Crafts. Two hours.

Craft work in plastics, leathers, and metals. A study will be made of plastics and their uses. Leathercrafts will involve designing, tooling, and surface enrichment. Metal craft will be in copper, brass, silver and stainless steel involving forming, embossing, chasing, planishing, etching and spinning. Johnson, Wise.

215. **Auto Mechanics.** Two hours.

220. **Sheet Metal.** Two hours.

A beginning course including instruction in laying out surface patterns, making useful articles involving typical stretch outs, joints, wiring, soldering, and riveting. Mr. Carmichael.

234. **Machine Shop.** Two hours.

A continuation of 134, in which more intensified training will be given in the operation of the metal working machines. PR, 134. Mr. Carmichael.

230. **Electricity.** Two hours.

A study of electrical theory followed by laboratory experiments and practice. Motor and generator circuits, elementary transformer windings, and methods of current control will be studied. Mr. Wise.

242. **Architectural Drawing.** Two hours.

A course in the study of houses. It includes architectural lettering and conventions, plans and elevations, and a study of buildnig materials and specifications. PR, 140. Mr. Wise.

300. **Blue Print Reading and Slide Rule Operation.** Three hours.

A course in the reading of the prints and drawings most commonly found in industrial operations. Emphasis will be placed on the development of speed and accuracy in the use of working drawings. The use of the slide rule as an aid in all types of problems involving more than simple arithmetic computation common to the building and metal working trades. Staff.

303. **Furniture Construction and Design.** Two hours.

Emphasis will be placed upon the study of furniture design and construction. The student will plan completely for projects to be made in 304. PR, 101, 202. Mr. Johnson.

304. **Cabinet Making.** Two hours.

A continuation from 303. The project will be made in conformity with the drawings and specifications developed in the previous course. Advanced work in the use of machine tools, techniques and processes will be stressed. A high level of craftsmanship will be maintained. PR, 101, 202, 303. Mr. Johnson.

308. **Wood Finishing.** Two hours.

A survey course in the materials and methods commonly used in the finishing of furniture and similar articles, and readily applicable to use in High School shop situations. The various types of dyes, stains, shellacs, varnishes, lacquers, and sealers will be used on sample panels. PR, 101. Mr. Johnson.

311. **Plastics and Crafts for Elementary Teachers.** One hour.

312. **Printing.** Two hours.

314. **Plastics and Crafts.** Two hours.

Advanced craft work in plastics, leathers, and metals. A continuation of 214, with emphasis on advanced technique.

315. **Auto Mechanics.** Two hours.

320. **Sheet Metal.** Two hours.

A continuation from Sheet Metal I. Advanced work will be offered in lay-out problems, joints, and other typical sheet metal situations commonly found in duct work. PR, 220. Mr. Carmichael.

322. **General Shop.** Two hours.

This is a course providing a variety of experiences in the metal working field. It will include instructional units in art metal, bench metal, sheet metal, and welding. PR, 134. Mr. Carmichael.

325. **Organization and Administration of Industrial Arts.** Two hours.

A course designed to aid the student as a future teacher of industrial arts. Problems of administration, shop arrangement, care of machinery, ordering of materials and supplies, and techniques of shop instruction will be studied. PR, 12 hours of Industrial Arts courses. Mr. Johnson.

334. **Machine Shop.** Two hours.

This class leads the advanced student into the problems and the methods of solving these problems in milling machine operations. Gearing problems, equations, gear cutting methods, and the necessary related technical information will form the basis of this course. PR, 134, 234. Mr. Carmichael.

335. **Philosophy of Industrial Arts.** Three hours.

This course is designed to give the student a historical background of the industrial arts movement as a basis for developing a philosophy as to the place and function of industrial arts in general education. PR, 325 and 12 hours of Ind. Arts courses. Mr. Johnson.

340. **Mechanical Drawing.** Two hours.

Special problems in mechanical drawing. This course is designed to fill the needs of those who wish to study a special phase of drafting such as the use of the interior perspective method, techniques of inking, advanced machine drafting, etc. PR, 140 or Engr. 113. Mr. Wise.

342. **Architectural Drawing.** Two hours.

A continuation of 242 in which design of houses, building materials, specifications, and cost of construction is studied. Each student will develop a complete set of plans, specifications, and cost estimates for his own house. PR, 140, 242. Mr. Wise.

345. **Acetylene Welding.** Two hours.

The care, operation, use, maintenance and methods of welding and brazing the common metals using the oxy-acetylene welding torch. PR, 134, 322. Mr. Carmichael.

346. **Arc Welding.** Two hours.

The care, operation, maintenance, methods and safety precautions necessary in the welding of common metals by the use of the arc welder. Welding will be done with AC and DC welding machines, oxy-arc cutting process and the Heliarc Process dealing with hard-to-weld metals. PR, 134, 322. Mr. Carmichael.

360. **Shop Planning.** Two hours.

Designing plant facilities for the Industrial Arts area of the school program. A study of the placement and the use of the proper type of equipment used in the school shop in relation to the community in which the school is located. PR, 140, 325. Mr. Wise.

362. **General Graphic Arts.** Two hours.

365. **Auto Mechanics.** Two hours.

388. **Cabinet Making.** Two hours.

A continuation of 304 with emphasis on the use of advanced techniques in the design and construction of home furniture. Mr. Johnson.

404. **Building Construction.** Four hours.

Actual construction of small buildings and the problems involved in the erection of the building from the ground up. The course will be off campus in building erection work. Summers only. PR, I. A. 101, 242, 342, or 12 hours of I. A. work. Mr. Johnson.

404A. **Building Construction.** Two hours.

A continuation of 404. Mr. Johnson.

405. **Building Construction.** Two hours.

A continuation of 404 with emphasis on interior carpentry and trim work. Mr. Johnson.

405A. **Building Construction.** Two hours.

A continuation of 405. Mr. Johnson.

408. **Cabinet Making.** Two hours.

Further study beyond the work done in 388. Particular attention is given to the use of veneers, inlays, overlays, and other advanced methods of enhancing the finished appearance of projects. PR, 388. Mr. Johnson.

415. **Driver Education.** Two hours.

A course designed to prepare the licensed driver for teaching driver education programs in high school. A classroom and laboratory program which requires each class member to teach at least one non-driver. Prerequisites: Upperclass status and two years of accident-free driving. Offered each semester and summer. Mr. Johnson and Mr. Carmichael.

420. **Sheet Metal.** Two hours.

A course designed to develop the student in the mastery of more advanced problems in sheet metal layout and forming. Emphasis will be placed on the type of work normally met in the heating and air conditioning industry. PR, 320. Mr. Carmichael.

422. **General Shop.** Two hours.

A continuation of 322, with advanced training in metal working and covering the additional areas of forging, foundry and heat treating. PR, 322. Mr. Carmichael.

434. **Machine Shop.** Two hours.

A continuation of 334, with advanced training in the operation of the milling machines and the various types of grinders. PR, 134, 234, and 334. Mr. Carmichael.

442. **Architectural Drawing.** Two hours.

Advanced problems of architectural design, incorporating the classical motifs in the overall scheme of housing and building plans. Shades and shadows, perspective, detailing, and the making of a model will complete the architectural sequences. PR, 242, 342. Mr. Wise.

450. **Machine Drawing.** Two hours.

Industrial illustrating. This course involves a study of machine design, metals, and alloys. Small machine assemblies will be drawn by the exploded view method showing all parts in relation to other parts. This type of drawing is used extensively by industry for assembly purposes. PR, 140, 350. Mr. Wise.

462. **Architectural Drawing.** Two hours.

A class in the study of the Classic Orders of Architecture. Emphasis will be given so as to show the great influence these Architectural Orders have exerted on architectural styles throughout the centuries up to and including the present. PR, 242, 342, 442. Mr. Johnson.

474. **Industrial Maintenance.** Two-three hours.

Care and maintenance of industrial equipment pertaining to the metal working trades, improvement in shop layout and equipment facilities. PR, senior standing and advanced training in the metal areas. Mr. Carmichael.

475. **Mill Wrighting.** Two-three hours.

Care and maintenance of equipment commonly found in the woodworking trades, development of shop organizations and layout and equipment facilities. PR, senior standing and advanced training in the woodworking areas. Mr. Johnson.

490. **Methods and Materials of Teaching Industrial Arts.** Two hours.

A course in which the particular problems and techniques of teaching Industrial Arts are dealt with. Emphasis is given to the special methods of handling demonstrations, uses of special teaching aids and other related problems peculiar to the Industrial Arts shop. PR, 325, 335 and senior standing. Mr. Johnson.

*The Industrial Arts Department operates, during the regular academic year, on a nine weeks plan. Classes in this department normally carry two-hour credits and meet four days per week, for two periods.

JOURNALISM

Mr. House

240. **Reporting. I** Three hours.

Fundamentals of reporting; gathering, evaluating, and writing news; emphasis on general reporting rather than writing for specialized fields. Valuable as a vocational try-out and for making the student a better newspaper consumer. Open to second semester freshmen and above.

270. **Communications in Society.** Two hours.

A course which reflects the current and important interest in public opinion and propaganda; the influence of old and new forms of communication on the social order; why and how people react to advertising, news, publicity, propaganda, and public relations efforts.

271. **The Newspaper and Society.** Three hours.

A study of the development of the newspaper's growth from an organ of a political party to the social instrument of today; present practices and principles of the press; the evolving code of ethics and influence of the newspaper; its competition with radio, television, and facsimile.

312. **Publication Problems.** Two hours.

A practical course for teachers who may supervise a school newspaper, yearbook, or handbook; for those who may work on a company newspaper or house organ or in an advertising department; helpful to anyone charged with producing a publication. Problems of staff organization, training, finance, format, type, headlines, etc., will be covered.

340. **Journalism Practice.** Two hours.

An arranged course providing practical experience on the college newspaper, yearbook, local daily newspapers, radio stations, plus guided reading in the student's field of major interest; for example, writing for radio, newscasting, magazine article writing, dramatic criticism, newspaper business management, circulation promotion, public relations, advertising. PR, Journ. 240.

LIBRARY SCIENCE

Mr. Fites, Librarian, Mrs. Hupp, Mrs. Meyer

101. **The Use of the Library.** One hour.

This is a course planned to acquaint students with the resources of the library and to enable them to use this material efficiently. Staff.

302. **School Library Administration.** Three hours.

A study of organization and administration of the school, library, and its place in carrying out the objectives of the school program. PR, 305. Staff.

303. **Cataloging and Classification.** Three hours.

An introduction to principles of cataloging and classification, with practice in cataloging and classifying many types of books used in school libraries. PR, O. A. 101, or its equivalent. Staff.

305. **Selection and Use of Secondary School Library Materials.** Three hours.

This course is designed to aid teachers in the effective use of school libraries as an instrument of instruction. Sources of information about books, other printed material and audio-visual aids, and their use in the secondary school curriculum are studied. Staff.

306. **Reference and Bibliography.** Three hours.

A study of basic reference books, especially those useful in school libraries. Problems in evaluating and using reference books and in bibliography making. Staff.

404. **Practice Work.** Two-three hours.

Individual work based on student's previous experience and related to student teaching when possible. PR, 302, 305; O. A. 101, or its equivalent. Staff.

424. **Selection and Organization of Audio Visual Materials.** Three hours.

A survey of the various audio-visual materials that can be used to enrich the school curriculum. Uses, advantages, limitations of each type of material are discussed. The course is prepared for secondary school teachers and leaders of youth organizations. Mr. Fites.

424E. **Selection and Organization of Audio Visual Materials.** Two hours.

Techniques in the effective use of graphic materials. The course is prepared for students following the elementary curriculum. Mr. Fites.

MATHEMATICS

Mrs. Ford, Mr. LaRue, Miss Musick

111. **Review Algebra.** Two hours.

PR, One and one-half units of high school Algebra. Mrs. Ford.

121. **Solid Geometry.** Three hours.

PR, Plane Geometry. Mrs. Ford, Mr. LaRue.

141. **Business Mathematics.*** Two hours.

This course is designed especially for students in business administration. The following topics are studied: Buying and selling, manufacturing, interest and banking, investments, money and credit, and social security. Opportunity is given for review in the fundamentals of arithmetic.

203. **Practical Arithmetic.*** Two hours.

This course is designed especially for students wishing to meet the mathematical requirement for elementary certificate. Staff.

204. **Practical Arithmetic.*** Two hours.

This course is a continuation of 203. All students wishing to meet the requirement for the public school certificate will be required to take Math. 203 and 204. Students having a good mathematics training in the grades and high school will meet the elementary certificate requirement by taking Math. 204. Staff.

221. **College Algebra.** Four hours.

PR, Math. 111. Miss Musick.

231. **Plane Trigonometry.** Three hours.

PR, Math. 111. Mrs. Ford, Mr. LaRue.

251. **Analytical Geometry.** Four hours.

PR, Math. 221 and Math. 231. Miss Musick.

311. **Navigational Trigonometry.** Three hours.

This course is designed to provide a thorough knowledge of spherical trigonometry and to acquaint the student with some of the problems encountered in astronomy and in the navigation of aircraft and surface vessels. PR, Math. 231. Mrs. Ford.

321. **Differential Calculus.** Four hours.

PR, Math. 251. Mr. LaRue.

331. **Integral Calculus.** Four hours.

PR, Math. 321. Mr. LaRue.

341. **Theory of Equations.** Three hours.

PR, Math. 331. Mrs. Ford.

361. **Higher Algebra.** Three hours.

This course includes determinants, and the theory of integers, real and complex numbers, groups, rings and fields. Miss Musick.

371. **Statistical Analysis.** Three hours.

This course is designed to cover: sample and population; measures of central tendency and variability; curve fitting; normal and T distribution; regression and correlation; confidence limits; testing statistical hypotheses and chi squares. Prerequisite, Mathematics 221 or more. Mrs. Ford.

401. **Differential Equations.** Three hours.

PR, Math. 331. Mr. LaRue.

405. **Modern Geometry.** Three hours.

The topics studied: An extension of the principles and proofs of plane geometry, including homothetic figures, the nine point circle, Wallace line, Brocard points, harmonic ranges, inversion and the geometry of the triangle. PR, Math. 251. Mr. LaRue.

411. **Advanced Calculus.** Three hours.

PR, Math. 331. Mr. LaRue.

431. **Theory of Determinants and Analytics of Space.** Three hours.

PR, Math. 321. Mr. LaRue

451. **History of Mathematics.** Three hours.

This course is designed especially for teachers majoring in mathematics. PR, Math. 331. Staff.

*Courses 141, 203, and 204 cannot be used toward a certificate for teaching mathematics. Neither can credit be allowed for 141 if credit is earned in 203 and/or 204.

MUSIC

Mr. Evans, Mr. Montague, Miss Price, Mrs. Donham

101. **Elementary Music, or Music as an Art and a Science.** Two hours.

This course gives the student a background in theory, terminology of music, scale building, rhythm, use of syllables, numbers and letters in music reading, chord construction, and use of the keyboard and autoharp. Miss Price.

102. **Music Materials and Procedures.** Two hours.

This course includes materials, methods and procedures for carrying out the music program in the elementary grades one through six. PR, Music 101. Miss Price.

103. **Organ.** One hour.

Completion of Stainers "The Organ" or similar text. Schneider pedal studies. Hymn playing. Easy solos. PR, sufficient piano to play fluently Bach Inventions, Mozart sonatas, scales, and arpeggios. Mrs. Donham.

104. **Organ.** One hour.

A continuation of Music 103. Mrs. Donham.

105. **Class Piano.** One hour.

This course is designed for all students interested in beginning piano. This course will be conducted as a class with each member being afforded opportunity for participation. Mrs. Donham.

106. **Class Piano.** One hour.

A continuation of 105. PR, 105. Mrs. Donham.

107. **Piano.** One hour.

This course is designed for beginners. The following materials are learned: the completion of an elementary piano book, all major scales, hands separately, and one piece learned and memorized for performance. Open to all students. Mrs. Donham, Mr. Montague.

108. **Piano.** One hour.

A continuation of Music 107. Mrs. Donham, Mr. Montague.

109. Theory. Four hours.

This course is designed especially to meet the theory requirements of music majors and minors. Development of the musical thought processes is obtained by correlating keyboard harmony, dictation, sight-singing, and part-writing. Each element is presented according to the following plan: theoretical discussion; experience by creating the element (keyboard and sight-singing); dictation (aural perception); artistic application (composition). Mr. Evans.

110. Theory. Four hours.

A continuation of 109. PR, 109. Mr. Evans.

141. Voice. One hour.

This course is designed for any student possessing a voice with enough quality, after an audition, to merit training. The following topics are studied: voice placement, breath control, proper formation of vowels and consonants, vocalises and easy songs in English and Italian. PR, Audition.
Miss Price, Mr. Evans.

142. Voice. One hour.

A continuation of Music 141. Miss Price, Mr. Evans.

*165-466. **Men's Chorus.** One hour.

Open to all men students who can sing a part. This course is designed to present a study of choral literature, organization, and administration of a men's chorus. PR, tryout. Mr. Evans.

*169-470. **Band.** One hour.

Open to all students who can play an instrument needed to keep a balanced organization. This course is designed to present a study of band literature and administration through participation. PR, tryout.
Mr. Montague.

*171-472. **Women's Chorus.** One hour.

Open to all women who can sing a part. This course is designed to give the student experiences in varied choral literature. Miss Price.

*173-174. **College Choir.** One hour.

Open to all students who can sing a part. This course is designed to present a study of choral literature, and administration through participation. PR, tryout. Mr. Evans.

*Training in band, chorus, and applied music may be taken in each semester of each year. If in the first year, the course numbers will be 165, 166; in the second year 265, 266, and so on.

203. Organ. One hour.

Bach, Little Preludes and Fugues. Two Mendelssohn Sonatas. Solos of Guilmant and modern composers. PR, Music 104. Mrs. Donham.

204. Organ. One hour.

A continuation of 203. Mrs. Donham.

205. Music in Human Relations. Two hours.

A general music course required of all students. Music of composers of the classical, romantic, and modern periods are discussed, and compositions of these composers are heard through the medium of recordings. Miss Price.

207. Piano. One hour.

Studies: The little Preludes and Fugues of Bach.

Scales: All majors and harmonic minor scales, hands together; melodic minor scales, hands separately. M. M. Quarter note 80—eights notes, two octaves; triplet eighth notes, three octaves, sixth notes, four octaves.

Sonatine by Clementi, Kullau, etc. Pieces of comparable difficulty, as assigned by instructor. PR, Music 108. Mr. Montague, Mrs. Donham.

208. Piano. One hour.

A continuation of Music 207. Mr. Montague, Mrs. Donham.

209. Theory. Four hours.

This course is based upon the contrapuntal harmonic style of composition in the 18th century, with special emphasis placed upon the music of Johann Sebastian Bach. The chorale style, the harmonization of the chorale melody, and the contrapuntal harmonic style will be studied. PR, 110. Mr. Evans.

210. Theory. Four hours.

A continuation of 209. PR, 209. Mr. Evans.

211. String Class. One Hour.

This course is open to all students with sufficient background in music. A working knowledge of string instruments is attained through class instruction. PR, Music 101. Mr. Montague.

212. String Class. One hour.

A continuation of 211. Mr. Montague.

213. Brass Class. One hour.

This course is open to all students with sufficient background in music. A working knowledge of brass instruments is attained through class instruction. PR, Music 101. Mr. Montague.

214. Brass Class. One hour.

A continuation of 213. Mr. Montague.

215. Woodwind Class. One hour.

This course is open to all students with sufficient background in music. A working knowledge of the instruments of the woodwind choir is attained through class instruction. PR, Music 101. Mr. Montague.

216. Woodwind Class. One hour.

A continuation of 215. Mr. Montague.

241. Voice. One hour.

Technical work continued with more emphasis placed on voice placement and breathing. It is expected by this time that the student will have studied songs other than English, preferably Italian. PR, Music 142. Miss Price, Mr. Evans.

242. Voice. One hour.

A continuation of Music 241. Miss Price, Mr. Evans.

275. Violin. One hour.

This course is designed for individual study of the technique of violin playing. Studies in first position will be used with a knowledge of third position learned. PR, Music 211. Mr. Montague.

279. **Cello.** One hour.

This course is designed for individual study of the techniques of cello playing. Studies of grade two will be used with scales through fourth position. PR, Music 211. Mr. Montague.

283. **Clarinet.** One hour.

This course is designed for individual study of the techniques of clarinet playing. Studies by Klose, Part I and II will be used. Duets and solos of comparable difficulty will be studied. PR, Music 215. Mr. Montague.

285. **Flute.** One hour.

This course is designed for individual study of the techniques of flute playing. Studies by Hickok, Wagner, and Etudes by Kohler, books I and II will be used. PR, Music 215. Mr. Montague.

289. **Trumpet or Cornet.** One hour.

This course is designed for individual study of the techniques of trumpet playing. The Arban Method for cornet will be used with the beginning of an elementary song repertoire. PR, Music 213. Mr. Montague.

291. **Trombone.** One hour.

This course is designed for individual study of the techniques of trombone playing. Methods by Clarke and Muller will be used. Songs for trombone will be studied. PR, Music 213. Mr. Montague.

301. **Music Appreciation.** 3 hours.

This course consists of a general survey of music of the vocal forms from the earliest periods and including the present, as well as the development of instrumental forms from the earliest suites to and including the sonata, concerto, symphony, etc. Open to all students. Miss Price.

303. **Organ.** One hour.

Larger Bach Fugues. Sonatas of Mendelssohn, Rheinberger. Solos of comparable difficulty. PR, Music 204. Mrs. Donham.

304. **Organ.** One hour.

A continuation of 303. Mrs. Donham.

307. **Piano.** One hour.

Technical studies continued with scales in thirds, sixths, and tenths; all harmonic and melodic minor scales; hands together. M. M. Quarter note, 100. Studies by Czerny, Op. 299. Bach Inventions. PR, Music 208.
Mrs. Donham, Mr. Montague.

308. **Piano.** One hour.

A continuation of Music 307. Mrs. Donham, Mr. Montague.

313. **History.** Three hours.

The course consists of a study of music from early times to the Romantic Period. Recorded examples are used. Open to all students. Mr. Montague.

314. **History.** Three hours.

A continuation of 313 covering the Romantic and Modern Periods.
Mr. Montague.

341. **Voice.** One hour.

Earlier studies continued with more advanced songs in English and foreign languages. PR, Music 242. Miss Price, Mr. Evans.

342. **Voice.** One hour.

A continuation of Music 341. Miss Price, Mr. Evans.

345. **Conducting.** Two hours.

This course deals with the rudiments of conducting with emphasis placed on choral work. PR, ten hours of Music. Mr. Montague.

346. **Conducting.** Two hours.

A continuation of the techniques of the baton are studied with emphasis placed on orchestral directing. Score reading and elementary orchestration are studied. PR, Music 345. Mr. Montague.

403. **Organ.** One hour.

Handel concerto. Compositions of Widor, Vierne, Franck, Karg-Elert. PR, Music 304. Mrs. Donham.

404. **Organ.** One hour.

A continuation of Music 403. Mrs. Donham.

407. **Piano.** One hour.

Studies by Czerny Op. 299 and 740. A Bach Suite, Beethoven Sonata, or more modern composer. Two pieces of comparable difficulty to be memorized for performance. Scales: all majors, harmonic and melodic minor, in octaves, thirds, sixths, and tenths. Sixteenth notes, four octaves. PR, Music 308. Mr. Montague, Mrs. Donham.

408. **Piano.** One hour.

A continuation of 407. Mr. Montague, Mrs. Donham.

431. **Music Education for Secondary Schools.** Two hours.

This course deals with the techniques involved in music subjects and the development of musical organizations in the Junior and Senior High schools. PR, Music 346. Miss Price.

OFFICE ADMINISTRATION

Miss Hunsinger, Mr. Larkin

100. **Personal-Use Typewriting.** One hour.

A course for non-majors which cannot be credited toward a major in office administration or toward certification to teach typewriting. Miss Hunsinger.

101. **Beginning Typewriting.** Two hours.

A beginning course for majors and non-majors who have had no training in typewriting. Miss Hunsinger.

102. **Beginning Typewriting.** Two hours.

Continuation of Office Administration 101. PR, O. A. 101 or equivalent. Miss Hunsinger.

201. **Beginning Shorthand.** Four hours.

A beginning course for majors and non-majors. PR, ability to type or consent of instructor. Miss Hunsinger.

202. **Beginning Shorthand.** Four hours.

Continuation of Office Administration 201. PR, O. A. 201 or consent of instructor. Miss Hunsinger.

211. **Vocational Typewriting.** Two hours.

PR, O. A. 102. Miss Hunsinger.

251. **Business Correspondence.** Two hours.

A study of the vocabulary and techniques of business writing. Open to majors and non-majors. PR, Eng. 102, 104. Miss Hunsinger.

301. **Advanced Shorthand and Transcription.** Four hours.

Open to majors and non-majors. PR, O. A. 102 and 202 or equivalent. Miss Hunsinger.

302. **Advanced Shorthand and Transcription.** Four hours.

Continuation of Office Administration 301. PR, O. A. 301 or equivalent. Miss Hunsinger.

311. **Office Machines and Filing.** Two hours.

Open to majors and non-majors. PR, O. A. 102 or consent of instructor. Mr. Larkin.

341. **Dictation and Transcription.** Two hours.

PR, O. A. 301 or consent of instructor. Miss Hunsinger.

351. **Clerical Practice.** Three hours.

An office practice course for **non-shorthand** majors. PR, O. A. 211 and 311. Miss Hunsinger.

401. **Secretarial Practice.** Three hours.

An office practice course for secretarial majors. PR, O. A. 211, 301, and 311. Miss Hunsinger.

402. **Co-operative Office Practice.** Three hours.

Part-time work in business offices. PR, O. A. 401 or consent of instructor. Miss Hunsinger.

PHILOSOPHY

Mr. George Ward

200. **Introduction to Philosophy.** Three hours.

A survey of the principal problems arising out of man's attempts to organize his experience and direct his existence.

300. **Logic.** Three hours.

An analysis and exposition of the requirements for justifiable deductive and inductive reasoning. The principles of rational argumentation and inference in scientific method are emphasized.

325. **Ethics.** Three hours.

An historical study of the basis of judging human actions right and wrong, good and bad. The main classical positions are evaluated and the impact of contemporary knowledge upon the central problems of ethics will be discussed.

350. Comparative Religion. Two hours.

Description and analysis of the philosophical systems underlying the major non-Christian religions. Attention will be focused upon the historical and psychological development of religious beliefs.

375. History of Christian Thought. Two hours.

A survey of the contributions of the more significant thinkers shaping the Christian tradition. The development of some central Christian beliefs will be traced and linked to contemporary viewpoints.

400. Philosophy of Religion. Three hours.

A detailed study of man's effort to work out a rationally justifiable religious view of his destiny. Presentation of classical and contemporary problems and solutions is emphasized.

425. History of Ancient and Medieval Philosophy. Three hours.

A survey of the progress of philosophy in the West from Classical Greece through the decline of the Medieval systems.

475. History of Modern Philosophy. Three hours.

A survey of the progress of philosophy in the West from Descartes to the present.

PHYSICAL EDUCATION

Women's Division—Miss Walters, Miss Barry

Men's Division—Mr. Wilson, Mr. Davis, Mr. Duvall.

101. Freshmen Orientation. One hour.

Introduction to physical education activities. (W) Staff.

111. Freshmen Orientation. One hour.

Continuation of 101. (W) Staff.

115. Freshmen Orientation. One hour.

Physical education activities. (M) Mr. Duvall.

116. Freshman Orientation. One hour.

Physical education activities. (M) Mr. Duvall.

117. Skill Techniques. One hour.

Team sports for Women. Miss Walters.

131. Beginning Swimming. One hour.

Elementary swimming skills. Miss Walters.

201. Football. One hour.

Theory and practice in fundamentals. (M) Mr. Duvall.

202. Basketball. One hour.

Theory and practice in fundamentals. (M) Mr. Davis.

203. Baseball. One hour.

Theory and practice in fundamentals. (M) Mr. Wilson.

204. **Track.** One hour.
Theory and practice in fundamentals. (M) Mr. Davis.

205. **Golf.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson.

206. **Tennis.** One hour.
Theory and practice in fundamentals. (M) Mr. Duvall, Miss Walters.

214. **Leadership in Graded Games.** Two hours.
Required for Curriculum C. Miss Barry.

217. **Skill Techniques.** One hour.
Team Sports for Women. Miss Walters.

219. **Skill Techniques.** One hour.
Team Sports for Women. Miss Walters.

226. **Techniques of Modern Dance.** One hour.
Miss Barry.

231. **Intermediate Swimming.** One hour.
Intermediate swimming skills. Miss Walters.

237. **Fundamentals of Tennis.** One hour.
Beginning skills in tennis. Miss Walters.

271. **Team Sports.** Two hours.
Specialization in physical education activities. (M) Staff.

272. **Individual and Dual Activities.** Two hours.
Specialization in physical education activities. (M) Staff.

310. **Human Anatomy and Physiology.** Two hours.
A study of the anatomical structure and physiological functions of human beings. Miss Walters.

311. **Kinesiology.** Two hours.
Principles of body mechanics, muscle action and skills. Miss Walters.

316. **Coaching and Officiating: Hockey and Soccer.** Two hours.
PR, 117, 217, 219. Miss Walters.

317. **Stunts and Tumbling.** One hour.
Miss Walters.

319. **Coaching and Officiating: Softball and LaCrosse.** Two hours.
PR, 117, 217, 219. Miss Walters.

320. **Theory of Coaching Football.** Two hours.
Theory and practice. Various systems and styles of play. Mr. Duvall.

321. **Theory of Coaching Basketball.** Two hours.
Theory and practice. Various systems and styles of play. Mr. Wilson.

322. **Theory of Coaching Track.** Two hours.

Theory and practice. Practical experience in officiating; administration of track and field meets. Mr. Davis.

323. **Theory of Coaching Baseball.** Two hours.

Theory and practice. Practical experience in officiating. Mr. Wilson.

325. **Folk Dancing.** One hour.

Miss Barry.

326. **Advanced Modern Dance.** One hour.

Miss Barry.

327. **Coaching and Officiating: Volley Ball and Basketball.** Two hours.

PR, 117, 217, 219. Miss Walters.

329. **Officiating Football and Basketball. (M)** Two hours.

Rules; techniques of officiating; and laboratory work. Mr. Duvall.

330. **Advanced Swimming.** Two hours.

PR, 231 or permission of instructor. Miss Walters.

331. **Life Saving and Water Safety.** Two hours.

PR, 330 or permission of instructor. Miss Walters.

337. **Advanced Tennis. (M. & W.)** One hour.

Advanced strokes and participation in tournament play. Mr. Duvall.

351. **History and Principles of Physical Education.** Two hours.

Foundations of physical education. Miss Walters.

361. **Methods in Physical Education.** Two hours.

Open to P. E. majors only. Miss Walters.

365. **Activities Assisting. (M. & W.)** One hour.

Staff.

366. **Community Activities. (M.)** One-two hours.

Physical conditioning class for off-campus students only. Staff.

380. **Problems and Coaching of Little League Baseball.** Two hours.

(Summer Term and I Sem.) PR, Work in summer leagues. Mr. Wilson. Problems of organizing leagues, administration of leagues, health and overall attitude of personnel, and coaching of teams.

417. **Advanced Stunts and Tumbling.** One hour.

PR, 317. Miss Walters.

425. **Children's Rhythms. (M. & W.)** One hour.

Miss Barry.

461. **Organization and Administration of Physical Education. (M. & W.)** Two hours.

Mr. Wilson.

PHYSICAL SCIENCE

Mr. Haught, Mrs. Ford

The two courses in General Physical Science are organized to provide students a survey of the field of the physical sciences. These courses should not be scheduled by students who plan to include physics and/or chemistry in their programs.

201. **General Physical Science.** Three hours.

A survey of the subjects of mechanics, heat, sound, light, and electricity. No credit is allowed if credit in physics is earned.

202. **General Physical Science.** Three hours.

A survey of the elements of chemistry, geology, and astronomy.

PHYSICS

Mr. Carroll, Mrs. Ford

101. **General Physics.** Four hours.

This course is designed to satisfy the Physics requirement for pre-medical, pre-dental, and other professional courses. It covers the elementary principles of mechanics of solids, liquids and gases, and the study of heat. A two hour laboratory period each week is required. Engineers should schedule Phy. 210.

Physics majors and minors may schedule Physics 101, but Physics 210 is recommended.

103. **General Physics.** Four hours.

A continuation of 101. This course includes a study of magnetism and electricity, sound and light. A two hour laboratory period each week is required. Engineers should schedule Physics 211.

Physics majors and minors may schedule Physics 103, but Physics 211 is recommended.

*210. **Engineering Physics.** Five hours.

This course is offered for engineers and for Physics majors and minors.

*211. **Engineering Physics. II** Five hours.

A continuation of 210, offered for engineers and for Physics majors and minors.

310. **Electricity and Electronics.** Four hours.

This course includes static electricity, direct and alternating current theory and means of transforming electrical power. The theory of the vacuum tube and electronics is introduced. Four hours laboratory and two hours lecture each week is required.

311. **Electricity and Electronics. II** Four hours.

A continuation of 310 with additional work in vacuum tube and electronic circuit theory.

320. **Mechanics. I** (Alternates annually with 420) Three hours.

A course in mechanics applied to the study of particles and objects in space with the general principles of astronomy and the information of rotating systems in the universe. General theories of the universe and experimental facts will be presented in an elementary manner.

321. **Mechanics. II** (Alternates annually with 421) Three hours.

A continuation of 320.

420. **Atomic Physics. I** (Alternates annually with 320) Three hours.

This course deals with the study of charged particles, ionization, and conduction of electricity through gases, electromagnetic radiation, and the theory of atomic structure.

421. **Atomic Physics. II** (Alternates annually with 321) Three hours.

A continuation of 420.

*Physics 210, 211 cannot be used for pre-engineering credit unless credit in calculus (Math. 321, 331), is earned preceding to or concurrent with enrollment in Physics 210, 211.

POLITICAL SCIENCE

Mr. Lawrence and Staff

101. **Fundamentals of Political Science.** Three hours.

An introduction to the theory of political science. Mr. Lawrence.

103. **American National Government.** Three hours.

A survey of American government devoted to the consideration to the origins, constitutional basis, and functions of the Federal System. Staff.

203. **Comparative Government.** Three hours.

A survey designed to give a broad general acquaintance with the political institutions and government practices of certain other nations. Mr. Lawrence.

206. **American State and Local Government.** Two hours.

Investigation of the functions of government as performed on the state and county level. Staff.

207. **American Municipal Government.** Two hours.

Investigation of the functions of government as performed in urban areas. Staff.

301. **Special Studies in Political Science.** Credit to be arranged.

Entrance by consent of the department. Mr. Lawrence.

303. **Political Parties.** Three hours.

A study of the origins, growth, and development of the American political party. PR, Pol. Sci. 302. Staff.

304. **American Constitutional Government.** Three hours.

A study of the constitutional development of the American Federal System. Mr. Lawrence.

305. **American Diplomacy.** Three hours.

Problems of organization and policy in the formation and execution of American foreign policies. PR, Pol. Sci. 302. Staff.

307. **History of Political Thought.** Three hours.

A survey of the field of political thought from Plato to Kelsen, tracing the evolution of modern concepts. PR, Pol. Sci. 101 or consent. Mr. Lawrence.

308. **Mediaeval Political Thought and Institutions.** Three hours.

A study of the political thought of the Middle Ages, as related to the development of modern institutions. Mr. Lawrence.

309. **The Growth and Development of Law.** Two hours.

A study of the history of Law, including the Civil Law, the Common Law, and allied systems. Mr. Lawrence.

310. **English Constitutional Law.** Two hours.

The development of the Common Law and the English Constitution. PR, History 307, 308, or consent of the department. Mr. Lawrence.

406. **International Problems.** Three hours.

The foreign policies of the nations and the machinery established and functioning for the peaceful adjustments of international differences. PR, Pol. Sci. 103, or consent. Staff.

407. **The Legislative Process.** Two hours.

Sources of information, methods of law-making, pressures employed and results achieved by legislative bodies. PR, Pol. Sci. 103. Staff.

408. **The Judiciary.** Two hours.

The historical development, composition, duties, and practices of the American courts, with emphasis on the Federal System. PR, Pol. Sci. 103. Mr. Lawrence.

409. **The Administrative Process.** Two hours.

The organization, selection, classification, financing, conduct and control of public administration. PR, Pol. Sci. 103. Staff.

462. **Introduction to Methods of Research and Bibliography.** Three hours.

It is the purpose of this course to give the student some training in the science of research and bibliography.

PSYCHOLOGY

Mr. George Ward, Mr. Martin

103. **General Psychology.** Three hours.

An elementary introduction to the viewpoint, methods and principles of the science of behavior. Lectures, class projects and class-room demonstrations.

104N. **Psychology for Nurses.** Two hours.

Open only to student nurses of Fairmont General Hospital. Mr. Martin.

300. **Principles of Behavior.** Three hours.

A basic course in the experimental analysis and demonstration of the laws discoverable in the behavior of organisms. Laboratory study of animal and human behavior will be conducted. Two hour lecture, two hour laboratory weekly.

320. **Genetic Psychology.** Three hours.

A comparative and developmental study of the course of human advance from conception to senility. Developments in psychological characteristics and their associated physiological mechanisms will be emphasized. Three hour lecture weekly.

340. Discrimination and Motivation. Three hours.

A second course in experimental psychology dealing with: design of experiments, elementary statistical techniques, discrimination and motivation in behavior and their physiological bases. Two hour lecture, two hour lab. weekly.

360. Behavior Socialization. Three hours.

Normal and abnormal development of the individual personality. Social and verbal behavior, behavior organization and disorganization are considered in terms of available experimental materials. Three hours lecture weekly.

401. Test and Measurements. Three hours.

Theory and practice in the construction, administration and interpretation of measures of psychomotor performance, intelligence, aptitude and personality. Three hours lecture weekly.

430. Methods of Research in Psychology. Three hours.

Lectures and discussions of experimental and statistical techniques and their application to typical problems of psychological research. Three hours lecture weekly.

450. Systematic Psychology. Three hours.

The historical background and contemporary situation in the development of psychology as a systematic, natural science. A presentation of major viewpoints and schools of psychology will be supplemented by critical evaluation. Three hours lecture weekly.

RECREATION

Mr. Davis and Staff

126. Rhythmic Activities. One hour.

Includes fundamental rhythms, social mixers, and social dancing. Miss Barry.

241. Introduction to Recreation. Two hours.

A general survey of recreation systems, trends, policies, problems, and procedures for students interested in field of recreation. Mr. Davis.

324. Archery and Badminton. One hour.

Care and selection of equipment and participation. Miss Barry.

325. Square Dancing. One hour.

American squares, quadrilles, and longways dances. Miss Walters.

336. Co-Recreational Activities. Two hours.

Experience in supervising and organizing co-recreational activities. Open to majors and minors. Miss Barry.

339. Bowling. One hour.

Participation. Miss Walters.

341. Workshop and Recreation Institutes. Two hours.

Expert demonstrations, lectures by outside authorities. Mr. Davis, Staff.

344. **Recreational Leadership.** One-three hours.

Organizing and directing group activities. Mr. Wilson.

345. **Practice Leadership — Summer.** Two hours.

Carefully planned observation trips to recreation centers and playgrounds with training periods. Mr. Davis.

346. **Theory of Recreation.** Two hours.

Nature and function, theory and problems, familiarizing students with recreation. Staff.

347. **Leisure in Modern World.** Staff.

442. **Camping and Youth Organization.** Two hours.

A study of camping movement, outdoor education, and organizations serving youth. Mr. Davis.

443. **Community and Industrial Recreation.** Three hours.

Organization and supervision of recreation for community and industrial groups. Mr. Davis.

445. **Organization and Administration of Playgrounds and Recreation.** Three hours.

A study concerning the administration and organization of playgrounds and recreation in the community and problems vital to operation. Mr. Davis.

SOCIAL SCIENCE

Mr. Gray, Mr. Elliott

111. **Development of Social Institutions.** Three hours.

This course is designed to give the student an understanding of the processes by which our society and social institutions have attained their present status. Communicational, Domestic, Economic, Health, Political, and Religious institutions are among those which will be studied.

112. **Development of Social Institutions.** Three hours.

(A continuation of 111.)

201. **Fundamental Social Problems.** Three hours.

A study of social problems in the major fields of human interest. These include the areas of culture, population, communication, family, economic activities, minority groups, government, religion and social welfare.

202. **Fundamental Social Problems.** Three hours.

(A continuation of 201).

SOCIOLOGY

120N. **Sociology for Nurses.** Two hours.

A course designed to teach the concepts of human association and culture to young women planning to enter the nursing profession. The group organization of society and social processes affecting social relationships will be stressed. Open only to nursing students.

220. **Introductory Sociology.** Three hours.

The origin, development, structure, and function of culture and society will be studied. A basic course to the study of social interaction and group life.

301. **Anthropology.** Three hours.

A study of human biological and social origins, including human prehistory, race, the origin and nature of culture, social organization among preliterate peoples, cultural diffusion, and culture change.

310. **Marriage and The Family.** Three hours.

A study of the background, organization, and functions of the American family. Courtship, marriage, marriage adjustment, parenthood, family disorganization and the effect of social change upon the family will be studied.

320. **Rural Sociology.** Three hours.

A study of the characteristics of rural society including its culture, social relationships, and institutions. Rural society is studied in comparison with urban society as a part of American Society. PR, Soc. 220 or Soc. Sci. 201 and 202.

330. **Urban Sociology.** Three hours.

A study of the characteristics of urban society including its culture, social relationships and institutions. Urban society is studied in comparison with rural society as a part of the American Society. PR, Soc. 220 or Soc. Sci. 201 and 202.

340. **Juvenile Delinquency.** Three hours.

A study of what our society defines as delinquent behavior and of the young people designated as delinquents. Emphasis will be placed on the causes of delinquency and on the various techniques and methods of prevention, treatment, and rehabilitation. PR, Soc. 220 or Soc. Sci. 201 and 202.

360. **The Field of Social Work.** Three hours.

A study of the history and development of social work with special emphasis upon modern social work agencies and the services which they render. Various types of social work will be considered from the standpoint of the prospective social worker. PR, Soc. 220 or Soc. Sci. 201 and 202.

403. **Social Psychology.** Three hours.

A study of social structure and social interaction. Techniques of leadership and control will receive special study. PR, Soc. Sci. 201 and 202, and Soc. 220, or Psyc. 203 or 204.

420. **Applied Sociology.** Three hours.

A study of cultural organization and cultural processes as applied to the modern day community. A course designed especially for teachers in service. Offered only during the summer session and night school. PR, Soc. Sc. 201 and 202.

430. **Community Organization.** Three hours.

A study of the structure and function of the various social groupings found in the community. The course is oriented toward the development of community leadership talent. PR, Soc. 220 or Soc. Sc. 201 and 202.

440. **Population Problems.** Three hours.

A study of the social implications of changing birth and death rates; causes of growth and decline of population; relation of population to natural resources; and the influence of population movement upon cultural change and the growth of nationalism. PR, Soc. 220 or Soc. Sci. 201 and 202.

450. **Minority Groups.** Three hours.

A study of racial and cultural minority groups in the United States with special emphasis upon understanding the cause of their persistence and the reason for majority-minority antagonisms. A study of the techniques whereby prejudices are developed and reduced will be made. PR, Soc. 220 or Soc. Sci. 201 and 202.

462. **Introduction to Methods of Research.** Three hours.

It is the purpose of this course to give the student elementary training in the common methods of social science research and the development of bibliographies. PR, Soc. Sci. 111, 112, 201, 202 and 9 hours of upper level Sociology courses.

490. **Seminar: Special Problems in Sociology.** One to Three hours.

Open only to Juniors and Seniors majoring in Sociology. Reading and research on subjects suited to the students' need. Total hours limited to six. No more than three hours in any one semester.

499. **Seminar: Social Theory.** Three hours.

A study will be made of the development of Social Theory with special emphasis upon Contemporary Theory. PR, Junior standing and 12 hours of Sociology.

SPANISH

Miss Terry

101. **Elementary Spanish.** Three hours.

Grammar, pronunciation, composition, conversation, translation. No credit toward graduation is given for Spanish 101 without 102.

102. **Elementary Spanish.** Three hours.

PR, Spanish 101 or one year of high school Spanish.

201. **Modern Spanish.** Three hours.

Rapid reading, grammar and conversation. PR, Spanish 101 and 102 or two years of high school Spanish.

202. **Modern Spanish.** Three hours.

PR, Spanish 201.

301. **Nineteenth Century Literature to 1870.** Three hours.

Lectures, selected reading and reports. Conducted in Spanish.

302. **Nineteenth Century Literature.** Three hours.

Spanish literature from 1870. Conducted in Spanish.

327. **Advanced Conversation and Composition.** Three hours.

340. **Spanish American Literature.** Three hours.

Study of Spanish American history and culture through its literature. Conducted in Spanish.

421. **Literature of the Golden Age.** Three hours.

Cervantes and Lope de Vega. Conducted in Spanish.

422. **Literature of the Golden Age.** Three hours.

Calderon de la Barca, Tirso de Molino and Alarcon.

430. **Spanish Civilization and Culture.** Three hours.

SPEECH AND DRAMATICS

Mr. Wallman, Mr. Opp, Mr. Rhodes, Mr. Turley, Mr. West

101. **Fundamentals of Speech.** Two hours.

This course includes the elementary phases of oral language training. Reading aloud, short speeches, enunciation, pronunciation, parliamentary procedure. Required of Speech Majors. Staff.

103. **Speech for Engineers.** Three hours.

A speech class designed specifically for engineering students. Special attention will be given to the vocabulary of this field, short speeches, reading of reports and papers on engineering subjects. Required of all pre-engineering students. Mr. Wallman.

105. **Voice and Diction.** Two hours.

This course includes study of drills for developing proper breath support for producing a strong, flexible, resonant voice, with exercises aimed to acquire facility in using a pleasant standard speech; stressing coordination of mind and voice. Articulation and enunciation. Required for Speech Majors. Mr. Turley.

120. **Theatre Appreciation.** Two hours.

Open to all students. Study in the appreciation of drama as it occurs in modern life; on stage, in movies, radio and television. Mr. West.

151. **Play Production.** Two hours.

Play production methods for the educational theatre. Stage management, scenery, and staging of plays. Mr. Wallman.

152-452. **Theatre Workshop.** Variable.

Actual laboratory work on the various collegiate dramatic presentations. Scenery design and construction, lighting, properties, constuming, etc. PR, Speech 151 or permission of instructor. Staff.

243. **Debate.** Two hours.

Theory and practice of argumentation and debate. Should be taken by those students desiring to participate in inter-collegiate debate. Required of Speech Majors. Mr. West.

244. **Intercollegiate Debating.** Variable credit.

245. **Oratory.** Variable credit.

A study of the structure, aims and principles of writing orations and the delivery of them. Mr. Opp.

251. **Acting.** Two hours.

Acting in numerous one-act plays. Mr. Wallman.

301. **Make-up.** One hour.

A course in the fundamentals of applying stage make-up, including laboratory and practical experience in school production. Designed for students interested in dramatic production. Mr. Wallman.

301.L **Advanced Make-up.** One hour.

Laboratory and practical experience. PR, Speech 301. Mr. Turley.

313. **Interpretation of Shakespeare.** Two hours.

A study of representative Shakespearean comedies. Mr. Rhodes.

314. **Interpretation of Shakespeare.** Two hours.

A study of representative Shakespearean tragedies. Mr. Rhodes.

318. **Modern Drama.** Three hours.

The history of the British drama and the study of modern dramas—British, Continental and American. Miss Tate.

320. **Scenic Construction.** Two hours.

A laboratory course in the designing and construction of stage scenery and lighting. Staff.

330. **Fundamentals of Radio Speech.** Two hours.

A familiarization course in modern studio practice, use of broadcasting and recording equipment, and preparation of programs, with some work in radio speech and announcing. Mr. Turley.

334. **Radio Production.** Two hours.

Production of and participation in actual broadcasts. A study of the techniques used in programming, continuity writing, music, cues, sound effects, and directing. PR, 2 hours of Speech or permission of instructor. Mr. Turley.

334L. **Radio Production.** One hour.

Continuation of 334 with extensive studio practice. Mr. Turley.

336. **Play Directing.** Two hours.

Selection of plays suitable to high school presentation, interpretation and directing problems. Required of Speech Majors. Mr. Wallman.

336L. **Play Directing (Laboratory.)** One hour.

Direction and presentation of a one act play. Required of Speech Majors. PR, Speech 336. Mr. Wallman.

337. **Effective Speaking.** Two hours.

This course is designed to give students training in the art of preparing and delivering public speeches. Required of Speech Majors. Mr. Wallman.

340. **Business and Professional Speech.** Two hours.

Designed to give students training in the art of preparing and delivering speeches occurring in specific businesses and professions. Night School only. May be substituted for Speech 337 requirement. Mr. Wallman.

401. **Extemporaneous Speaking.** One hour.

This course is designed to give students training for intercollegiate competition in this field. Mr. West.

421. **Poetry Interpretation.** Three hours.

Oral interpretation of poetry with some practice in choric speech. Mr. Rhodes.

430. **Speech Correction.** Three hours.

Study and recognition of speech defects. Exercises for correction and treatment of minor defects. Required of Speech Majors. Mr. Turley.

ZOOLOGY

Mr. Davisson, Mr. Hunt, Staff

110N. **Introduction to Human Anatomy and Physiology.** Four hours.

An introductory course dealing with the anatomy and functions of man. Open to nurses only. Mr. Davisson.

315. **Field Zoology.** Three hours.

Primarily for those who teach or intend to teach biology. This course aims to familiarize students with the animal life of the state and its natural surroundings and includes the collection, identification, and study of habits of the various forms found in this region. PR, Biol. 101-102, or equivalent. Mr. Davisson.

320. **Invertebrate Zoology.** Four hours.

Facts and principals fundamental to an understanding of the invertebrate animals. This course is designed for majors in zoology or biology and premedical students. Mr. Davisson.

321. **Vertebrate Zoology.** Four hours.

A continuation of Zoology 320. Mr. Davisson.

322. **Ornithology.** Two hours.

Field and laboratory studies on the structure, identification, migration, protection, nesting, and food habits of birds. Mr. Davisson.

350. **Comparative Anatomy of Vertebrates.** Four hours.

Organ systems of various vertebrates and facts of interest concerning these animals. Mr. Davisson.

410. **Histological Technique.** One-four hours.

Preparation of animal tissues for microscopic study. Mr. Hunt.

411. **Histology.** Two-three hours.

The study of animal tissues. Mr. Hunt.

415. **Problems in Zoology.** One-four hours.

This course is designed for students who have a specific problem in the field of Zoology. Open only to students of superior ability who have at least 20 hours credit in the field of biology. Staff.

420. **Vertebrate Embryology.** Four hours.

Introductory study of the development of the vertebrates, dealing chiefly with the frog, chick, and mammal. Staff.

450. **Human Physiology.** Four hours.

An introductory course dealing with the functions of man. Staff.

STUDENT WELFARE

STUDENT PERSONNEL SERVICES

Fairmont State College maintains many services of great value to all students. With the aim of assisting each student to adjust to his school environment and gain the most from his college experience, a centrally organized student personnel program is provided by the Office of Student Affairs. The many services include: housing for men and women; freshman orientation; testing; counseling; remedial assistance in reading, study habits, and other fields where a need is apparent; guidance in social affairs and campus activities; placement services for graduating seniors; and, the provision of financial assistance to students through part-time employment and loan funds.

HOUSING FOR MEN

The college provides housing facilities for a limited number of single men in veterans' housing units. There are also a limited number of facilities for married veterans in one-and two-bedroom apartments. These units are partially furnished. Preference is given to veterans in the veterans' housing units.

A file of other approved housing facilities for single and married men is maintained in the Office of Student Affairs. Reservations for rooms off the campus are not made by the college. Reservations for veterans' housing units are made at the Office of Student Affairs.

HOUSING FOR WOMEN

Morrow Hall is the residence hall for women students on the campus. It houses 65 women under a program of self-government, supervised by a trained house director. This is an attractive, well-equipped building providing pleasant social rooms, sleeping and study facilities, a laundry room, and a dining room where meals are provided for the residents.

A room deposit of $10 must be paid in advance to reserve a room in Morrow Hall. This deposit will be returned at the end of the semester or college year, less deductions for any damages to Morrow Hall property. Reservations should be made at an early date by writing to the Dean of Women.

During the regular eighteen week semester, rooms may be had at Morrow Hall for $45 or $54, the rent varying according to the desirability of the room and the number of girls sharing it. Rooms are not rented for less than a semester. Board at Morrow Hall is $180 a semester. Room and board charges are payable at the beginning of each semester. Checks should be made out to Fairmont State College.

Rooms are available at rates of $15-$21 per six week summer term, with $50 a term charged for summer board.

Economic conditions may require changes in the room and board rates stated above.

The following rules governing women's housing are in effect:

> All freshmen women who do not live at home are required to live at Morrow Hall, unless other arrangements are made with the Dean of Women.
>
> No upperclass woman will be permitted to live in other quarters, except her own home, until Morrow Hall is fully occupied, or unless other arrangements are made with the Dean of Women.
>
> If there are no vacancies in the dormitory and a student must live off campus, she must contact the Dean of Women before renting a room. A file of approved rooms for rent to women students is maintained in the Dean of Women's Office.

TESTING AND COUNSELING

The Office of Student Affairs provides a testing and counseling service designed to assist students in making more intelligent personal, academic, and vocational choices. Trained personnel are maintained to administer and interpret tests. For the most part students seek this service voluntarily. Special remedial assistance is available to students who are deficient in reading, vocabulary, and study habits.

PLACEMENT SERVICE

This service is available to all persons graduating from the college and to those who receive teaching certificates through its recommendation. All seniors are urged to register prior to graduation. Alumni, who hold degrees or certificates, are welcome to register. Assistance in placements in all fields of employment relative to occupational instruction furnished by Fairmont State College is offered. A job clinic of instruction on applying for jobs is provided.

FRESHMEN ORIENTATION

Freshmen and transfer students arrive on the campus in advance of the upperclass students. During a week's period they become acquainted with the campus, buildings, and equipment, student activities they will be joining, given tests which are for the purpose of assisting them in getting properly placed in their college courses and major fields of study. After scheduling classes in consultation with faculty advisers, they become formally registered for their first year of college work. Throughout the orientation period freshmen are assisted and guided by trained student counselors who are sympathetic with their special problems.

ADVISER SYSTEM

Each student is assigned an academic adviser at the time of his first enrollment in Fairmont State College. The student's academic adviser is the head, or a staff member, of the department in which the student has chosen his major field of study.

If the student desires to change his major field of study, he should contact the Student Personnel Director for assignment to the appropriate adviser. Students who are not ready upon entrance to select a major department will be assigned to special advisers by the Student Personnel Director.

It is to his academic adviser that a student will take all problems relating to course requirements, class schedules, pre-registration, and registration. Midsemestr grade reports are issued to students by their advisers.

GENERAL REGULATIONS

Fairmont State College expects its students to observe the standards of good citizenship both on and off the campus. Regulations of the State Board of Education empower the president and faculty to take such steps as may be needed to enforce these standards.

SCHOLARSHIPS, LOAN FUNDS AND OTHER STUDENT AID

The scholarship and loan funds of Fairmont State College are available to worthy undergraduates who need assistance in meeting their college expenses. All funds are administered by the Scholarship and Loan Committee, unless otherwise indicated. Applications for scholarships and loans should be made to the Dean of Women.

LOANS

The Claude Worthington Benedum Loan Fund.

The Benedum Foundation of Pittsburgh has established a loan which permits worthy sophomores, juniors, and seniors who are bona fide residents of West

Virginia to borrow a maximum of $300 in any one school year. The loan matures not later than three years after last date of attendance at the college. No interest is charged while a student is in college.

The Service Clubs Unrestricted Loan Fund.

This fund is available to sophomore, junior, and senior students who are worthy of financial assistance.

The Fairmont State College Scholarship Loan Fund of the American Association of University Women.

This fund, established by the Fairmont Branch of the American Association of University Women, is available to junior and senior women who have good character records, an average of at least "B" for their first two years in college and are able to give good security.

Louise West Hite Loan Fund.

In 1929, Mrs. R. M. Hite gave the college $1,000 to be used as a loan fund to help women students complete their course of study.

Fairmont State College Student Loan Fund.

This fund was established by the "Class of 1912" to issue loans to worthy students of the college.

Myrtle Rice Leonard Loan Fund.

This fund was established from the Louise Leonard Estate for use as loans to worthy students needing small amounts of money to tide them over in emergencies.

American Association of University Women.

This fund was established in 1951 for loans to college women.

Dramatic Scholarship Fund.

This fund was established by a grant from the Woman's Club of Fairmont and is available to students especially interested in dramatics. The loan is to be used for tuition and is available each year to one man and one woman student. Application is made with the Chairman of the Speech and Dramatics Department.

SCHOLARSHIPS

The Claude Worthington Benedum Freshman Scholarships.

The Benedum Foundation of Pittsburgh makes an annual grant of $1,000 to the college for the purpose of aiding worthy graduates of West Virginia high schools to begin a college education. These scholarships, awarded on the basis of grades, activities, character, and financial need, amount to $125 to $250 for the freshman year only.

West Virginia State Board of Education Elementary Teacher Scholarships.

Five of these scholarships are offered to West Virginia students majoring in elementary education. Awarded on the basis of grades, aptitude for teaching, personality, economic status, and interest, these scholarships amount to the remission of tuition and fees for four consecutive years following graduation from high school. The recipients must pledge to teach in West Virginia elementary schools for four years following graduation from college.

Benevolent and Protective Order of Elks Scholarship.

This scholarship, in the amount of $100, is awarded to a college student on the basis of scholarship, character, and financial need.

Kiwanis Club Journalism Scholarship.

This scholarship, made available by the Kiwanis Club of Fairmont, amounts to $100 per year. The recipient writes local news releases of the club meetings. Applicants should have had some journalism courses or experience in reporting.

WORKING SCHOLARSHIPS

Among the several work scholarships available are:

(1) Assistant to Director of Public Relations, cash value $200 per semester.

(2) Director of Sports Publicity (preparation of sports news), cash value $200 per semester. Those interested must apply in person to the Director of Public Relations.

(3) Editor of **The Columns,** cash value $75 per year.

(4) Business Manager of **The Columns,** cash value $75 per year.

(5) Editor of **The Mound,** cash value $75 per year.

(6) Business Manager of **The Mound,** cash value $75 per year.

PART-TIME EMPLOYMENT

Opportunities are provided for many students who seek financial assistance through part-time employment. A registry of part-time jobs, available both on and off campus, is maintained in the Office of Student Affairs. On the college campus, students find employment in clerical work, library work, assisting instructors, kitchen and dining room work, groundskeeping, and other similar activities.

The Office of Student Affairs assists students in finding part-time employment off campus. Many students work in stores, factories, garages, filling stations, and private homes.

REGULATIONS FOR STUDENT AID AND OTHER EMPLOYMENT

1. Students employed on the student aid basis may not be employed ordinarily for more than seventy-five hours in any one month. In exceptional circumstances, and when approved by the Committee on Student Aid, students may be employed to a maximum of ninety hours per month.

2. Students enrolled for more than six semester hours may not be employed by the College except on the student-aid basis.

3. Full-time employees of the College may not enroll for any academic work other than that obtainable outside of their regular work schedule.

4. The awarding of scholarships, student loans, and student employment, including assistance to athletes, is handled through the Office of Student Affairs. All employed students, including athletes, are required to give full and honest work for pay received.

STUDENT AUTOMOBILE REGULATIONS

Because of the large number of cars used by students, traffic on the college campus is seriously congested. In the interest of safety and service rigid regulations have become necessary. The administration of these regulations is in the hands of a Traffic Committee. All parking is limited to defined areas and restricted parking is established in certain areas.

All cars operated by students must be registered and identified by campus registration stickers.

Each student using an automobile on the campus is expected to be familiar with the traffic regulations.

SERVICE TO VETERANS

Fairmont State College is prepared to meet the needs of returning service men and women. The office of Veterans' Coordinator exists to assist veterans in their relationships with the United States Veterans Administration. The Coordinator is prepared to give information concerning the college and the educational and financial benefits offered by the Federal Government. He will also aid veterans in securing suitable housing arrangements either in the veterans' housing units maintained by the college or elsewhere. Veterans requests for information should be addressed to the Veteran's Coordinator at the college.

HEALTH SERVICE

All students entering Fairmont State College are required to have a health examination within two weeks after entrance. Appointments for this examination should be made with the Health Service at the time of registration. Failure to comply with the above regulations on the part of the student will result in suspension until regulations have been met.

A certificate from the Health Service stating that the student has complied with the above regulation must be presented by the student to his supervisor in student teaching before he may be assigned to this training.

A physician and registered nurse are available to examine and advise students in matters pertaining to their health. On school days from eight until four o'clock, the college nurse may be found in her office in the Colebank Gymnasium for first aid and for the treatment of minor ailments of students and faculty.

FOOD SERVICE

The College Cafeteria has been moved recently to Morrow Hall and combined with the dormitory dining room. Breakfast, lunch, and dinner are served here daily. Menus are carefully planned to provide nutritive diets with an attractive service at a reasonable price.

THE STUDENT UNION

The Student Union occupies both floors of the West Wing of the Administration Building, providing ample space for numerous student gatherings and parties. On the second floor is located the Blue Room, a large and beautifully decorated ball room.

On the ground floor is located The Big Nickel, a non-profit snack bar where soft drinks, coffee, cigarettes, and confections may be purchased. The Big Nickel is student-owned and operated, with all profits being used as the Student Council shall direct.

Next to the Big Nickel is located the general lounge, a large room furnished with tables and chairs and a television set. This room is open daily to students for relaxation and visiting.

All facilities of the Student Union are available to student groups for meetings, parties, dances, and other affairs.

BOOKS AND SUPPLIES

A modern College bookstore is housed in spacious quarters on the ground floor of the Administration Building, adjacent to the area of the student lounge. Here one may purchase textbooks and school supplies of all kinds.

CAMPUS ACTIVITIES

STUDENT GOVERNMENT ORGANIZATIONS

The Student Government Organization is composed of all students regularly enrolled in Fairmont State College. All of its officers are students and all business is conducted by them. Through this organization student programs and many other activities are undertaken. A student activity fee is collected from all students. This fee covers the cost of student activities and entitles the student to attend all athletic contests, major dramatic productions, and other special programs.

STUDENT COUNCIL.

The Student Council is the executive board of the Student Government Organization. It consists of the five student body officers, all class presidents, one member elected by the interfraternity council, one member elected by the honorary and professional organizations, one member elected by the non-fraternity group, and one faculty representative appointed by the President of Fairmont State College.

STUDENT AND FACULTY SOCIAL CABINET

The Student-Faculty Social Cabinet is composed of representatives of students and faculty under the chairmanship of the Vice President of the Student Council. The campus social program for the school year is arranged through this cabinet.

One of the principal assignments of the Student Council is to meet at the beginning of each semester to determine the allocation of the student activity funds among the various campus activities and organizations. The budgets prepared are then published so that all students may know for what purposes their fees are being used.

INTER-FRATERNITY COUNCIL

The Inter-Fraternity Council coordinates the activities of the Men's and Women's Panhellenic Associations.

CLASS ORGANIZATIONS

Organizations are set up for each of the several academic class groups. Each class elects its own officers and carries on such activities as the group concerned desires.

CLUBS AND HONORARY ORGANIZATIONS

Fairmont State College students have organized a number of clubs and honorary organizations for the promotion of interest in various subject matter fields, for the recognition of outstanding achievement in various campus activities, and for general social purposes. A list of the currently active organizations of this character follows:

Clubs

Fu-Se-Fa (Secretarial)
Future Teachers of America
Home Economics Club
Industrial Arts Club
Masquers Club (Dramatics)
Social Science Club
Splashers Club
Women's Recreation Association
Newman Club
Debate Club
Wesley Foundation

Honorary Organizations

Alpha Psi Omega (Dramatics)
Blazers (Senior Women's Honorary)
Kappa Delta Pi (Education)
Lambda Alpha Sigma (Lettermen)
Lambda Delta Lambda (Physical Science)
Pi Gamma Mu (Social Science)
Alpha Phi Gamma (Journalism)
Kappa Gamma (Oratory)
Pi Kappa Phi (Language)

SOCIAL ORGANIZATIONS

Fairmont State College students have organized and maintain a number of social fraternities and sororities. These organizations provide a medium for social activities and social training. They are regulated by the Men's and Women's Panhellenic Associations which strive toward high standards of scholarship and leadership among the group and toward developing a good college spirit. These organizations are listed below:

Fraternities	**Sororities**
Kappa Sigma Kappa (National)	Alpha Delta Chi
Sigma Tau Gamma (National)	Delta Sigma Epsilon (National)
Tau Beta Iota	Gamma Chi Chi
Zeta Sigma (National)	Pi Kappa Sigma (National)
	Sigma Sigma Sigma (National)

RELIGIOUS INTERESTS

Fairmont State College maintains a close relationship with the religious organizations of the city. Students are assisted in becoming allied with the church of their choice. The various churches in the city have active groups made up primarily of college students.

There are two religious organizations active on the campus. They are the Wesley Foundation and the Newman Club.

PUBLICATIONS

The Columns is the student newspaper published semi-monthly throughout the regular college year with the exception of examination and vacation periods. The Publications Board, representing students and faculty, approves the selection of staff members from a list presented to the Board by the faculty adviser. Consideration is given to those students who have done acceptable work in Journalism or who have had practical experience on publications. The Columns is named for the eight stately columns at the front of the Administration Building. It is financed by student fees and advertising.

The Mound is published annually by the students. The administrative officers of the staff are approved by the Publications Board from a list presented to the Board by the faculty adviser. All phases of college life are depicted in the annual, largely by pictures. It was named from an historic spot on a former campus. It is financed by student fees and advertising.

The Student Handbook is compiled annually under the direction of the Student Council. It contains valuable information about Fairmont College and its varied student activities. It is of real service to new students.

View books and other promotion magazines are published at intervals by the college.

Bulletins, both daily and weekly, are posted on the bulletin boards prominently located in each building. These bulletins carry announcements of all student and faculty activities. Material for these bulletins should be left in Room 212-A. Students and faculty members should consult the bulletin boards daily for important announcements.

MUSIC ORGANIZATIONS

The Fairmont State College Band is a uniformed band of approximately fifty members. This organization is open to both men and women. Tryouts are held at various times throughout the year.

The Women's Chorus is composed of a limited number of women selected, after tryouts, to make up this organization. The Club sings the best part songs for women's voices and presents programs for various occasions throughout the year. This is open to all women who can do part singing.

The Fairmont State College Choir is one of the popular musical organizations on the campus for men and women. The choir appears at assemblies, on the radio, and gives an annual spring concert. Open to all students with or without credit. Membership may be obtained by contacting the Music Director.

The Fairmont State College Male Chorus is an organization of men who enjoy singing. Open to all students who can qualify after a tryout.

ORATORY

A stimulating and vital program in public speaking and oratory is encouraged both on a curricular and extra-curricular basis at Fairmont State College. Students make frequent appearances before churches and clubs, and speak on radio programs. An annual competition is held for the M. M. Neely Prize. (See contests.)

INTERCOLLEGIATE DEBATING—THE DEBATE CLUB

Fairmont State College provides a very active program in debating. The Debate Club gives interested students training and experience in the art of debating and several teams are organized each year to meet the teams of other colleges of the state, and some of the Fairmont teams have made extensive trips to participate in tournaments and speech festivals. Debating is especially valuable training for students interested in pre-law work, history, political science, business, economics, and current affairs. All students are encouraged to participate in this activity, and those participating successfully in contests are awarded the key of the national debate fraternity, Kappa Gamma.

DRAMATICS

Fairmont's dramatic department is known throughout the United States; for it was here there was organized in 1925 a national dramatic fraternity—namely, Alpha Psi Omega. Delta Psi Omega, junior college organization, and the Thespians, high school dramatic society, also had their inception at Fairmont State College.

At least two to four major plays are produced each year. Tryouts are open to all students and everyone has equal opportunity to participate in dramatic activities. The Masquers, a dramatic club, is one of the most active groups on the campus, and membership in it is based entirely on dramatic activity of the individual.

At least one children's play is produced each year and numerous one-act plays give new students ample opportunity to show their talents. Each year a one-act play is sent to the Dramatic Festival of the West Virginia Inter-Collegiate Speech Association held at one of the various colleges of the state.

ASSEMBLIES AND SPECIAL FEATURE PROGRAMS

The ten o'clock hour on Monday mornings is generally devoted to assemblies of students, faculty, and guests of the college. The schedule is flexible insofar as this hour is needed for meetings other than those to which the entire college community is invited to attend. In general the purpose of the assemblies is to provide occasions when common or special problems can be discussed, and when programs may be presented. These programs are planned for their educational or entertainment value and are given by students and outside groups under the management of a program committee composed of faculty members and representatives of the student body. The general chairman is a faculty member who acts as an expediter of the year's program schedule.

The program committee sponsors each year a number of programs of a cultural and intellectual nature for the benefit of the students and community. These programs, which are free to all who wish to attend, bring to the campus professional groups and individuals who are nationally known in music, art, drama, dance, and as lecturers. The budget is made up out of allotments from State and student funds, and is ample enough to afford several outstanding performances in the fields mentioned.

A cooperative plan is in effect whereby interested students may attend the concerts of the Fairmont Community Concert Association.

CONTESTS

The Frank C. Haymond Constitutional Prize Contest.

In order to encourage a greater interest in and appreciation of the U. S. Constitution, Judge Frank C. Haymond, '06, has established an annual prize of $25. This prize is awarded to any regularly enrolled student who submits the best paper relative to the general theme of "The Constitution." Papers are required to be from two thousand to thirty-five hundred words in length and are due on or before April 15 in each school year. Apply to the chairman of the Political Science Department.

The M. M. Neely Oration Contest.

Each year the Honorable M. M. Neely offers an award of fifty dollars for excellence in oratory. This contest is open to all regularly enrolled students of the College. A faculty committee is in charge of this contest. Apply to the chairman of the Speech and Dramatics Department.

COLLEGE RADIO PROGRAM

"Campus Highlights," a weekly radio program, is produced by the radio department of Fairmont State College and has been a regular feature of Station WMMN for twenty-six years. These programs are, for the most part, student productions. All types of radio programs are presented during the regular school year. They provide a means of practical application of techniques studied in the several radio courses offered. Any student at Fairmont State College may audition for radio work. A modern, professional quality studio is located on the ground floor of the Administration Building. Many of the college programs originate from the studio. These facilities afford opportunities for students to do professional caliber radio work under proper supervision.

INTRAMURAL SPORTS

A regular program of intramural sports is sponsored for the benefit of all students. Teams, contests, and various activities are organized for competitive play among the various groups and organizations. The pool is open for intramural and recreational swimming at certain times. Such facilities as the conditioning room are open for individual and group participation. This is under the supervision of staff members who direct the overall program. Individual participation with selected equipment is in the offering for those interested and concerned with their own development, and not the team element type.

The intramural program includes the following activities: speedball, touch football, tennis, volleyball, basketball, relays, softball, horseshoes, outdoor track, badminton, swimming, archery, and foul throwing.

The college curriculum realizes it must be designed to meet the educational needs of the integrated personality of the individual student; thus this type intramurals affords this opportunity.

As the demand for more activities develops, the facilities will be increased and the program broadened.

INTERCOLLEGIATE SPORTS

Fairmont State College sponsors an intercollegiate athletic program in football, basketball, baseball, golf, tennis, and track. There are unusually fine indoor and outdoor facilities and equipment for physical education and recreation. Every young man in college is free to participate in any one or more of the intercollegiate sports and in all recreational activities. The men making up the different teams are not a pre-selected group.

ATHLETIC POLICY

The program of intercollegiate sports at Fairmont State College is supervised by a director of athletics who also serves as chairman of the Men's Physical Education Department. He is assisted in the planning of the program by an athletic committee of the general faculty, and he is assisted in the coaching by two full-time members of the physical education and recreation departments and by part-time coaches of tennis and golf drawn from other qualified members of the staff.

The general objectives of the intercollegiate sports program at Fairmont State College are to teach young men the values of sportsmanship, good physical conditioning, and the disciplinary and social values of organized team play. Specific values include the training afforded prospective coaches and physical education instructors through participation, and the possibilities of acquiring, to some extent, experiences and skills which may furnish recreational outlets following graduation.

In pursuance of the policies recommended by the North Central Association, the following minimum standards governing intercollegiate athletics are maintained.

1. The ultimate responsibility for the conduct of the athletic programs rests with the President.
2. The members of the coaching staff are regular members of the faculty and have the same professional status, qualifications, salaries, and tenure as other faculty members.
3. Students participating in athletics are admitted by the Director of Admissions on the same basis as other students. Athletes are required to maintain the same academic standards as non-athletes.
4. The award of scholarships, student loans, and student employment to an athlete is made through the same agency of the College and on the same basis, as grants of aid to all other students. All employed students are required to give full and honest work for pay received.
5. All athletic funds are handled by the Business Manager of the College. An audit of the receipts and disbursements of these funds is made annually by the auditors of the West Virginia Tax Commissioner for the benefit of the West Virginia Board of Education and other interested parties.
6. The College does not bring prospective athletes to the campus for tryouts, nor does it pay the expenses involved in college visitations by such persons.
7. An effort is made to compete only with colleges having similar educational and athletic policies.
8. Fairmont State College is a member of the West Virginia Intercollegiate Athletic Conference and athletic participation is regulated and controlled by the eligibility rules of the Conference. Copies of these rules are on file in the Office of the Director of Athletics.

AWARDS

At Recognition Day exercises, held near the close of each college year, awards are granted to students for outstanding achievements in various campus activities. Among these awards are the following:

The American Legion Medals for outstanding scholarship, leadership, service, courage, and honor; athletic letters to those who have met the requirements established by the Athletic Committee; jackets to senior lettermen; block letters to those members of the band who have had five semesters with at least a 3.0 average;

a cash award by Zeta Beta Phi, biology honorary society, to the outstanding freshman in biology; a cash award by the Fairmont Woman's Club to the freshman submitting the best written assignment of the year; the Edna Earl Lowe Memorial cash award of the American Association of University Women to the most worthy senior girl; the Louise Leonard Memorial cash award to the senior achieving the best record in elementary education; a key by Pi Gamma Mu to the senior among the Social Science majors who has the highest academic average; keys to the Four Outstanding Seniors selected by the faculty and a student committee for their superior academic achievement and campus leadership; certificates to those seniors elected to Who's Who in American Universities and Colleges; plaques to the senior students attaining distinction in college dramatic activities.

At this same time special recognition is given those freshmen who achieved a quality point average of 3.5, or better, during the first semester of their beginning year. The Blazers, senior women's honor society, also, announce at this time the names of the girls of the junior class elected to the organization.

ALUMNI

The Alumni Association of Fairmont State College is the official organization of all graduates and former students of the "old" Fairmont State Normal School, Fairmont State Teachers College, and Fairmont State College.

The history of the Alumni Association goes back almost to the founding of the college. A meeting was held on Commencement Day, June 27, 1873, at which time the twenty-nine graduates formed the Association.

Events of special interest to Alumni members include the Annual Dad's Day celebration held usually in the fall semester. A Homecoming celebration is held early in the spring. An Alumni Luncheon and a reception for the graduates, the alumni, and friends of the college are events of Commencement Week. A Fairmont State College open house is held in connection with the annual meeting of the West Virginia Education Association.

Information concerning the Alumni Association may be had by writing to: The Secretary, Fairmont State College Alumni Association, Fairmont State College, Fairmont, West Virginia.

SPECIAL SERVICES

THE SUMMER SESSION

Fairmont State College offers a twelve-week summer session each summer. This session is made up of two terms of six weeks each.

The requirements for admission and the character of the work offered are the same for the summer session as for the regular year. Credit may be earned in all departments toward the bachelor's degree or toward any of the special certificates authorized by the State of West Virginia. Courses are varied from summer to summer so that students may find suitable work with which they can build up their earned credit toward a degree or certification. For information relative to summer session fees see page ----.

All activities and facilities of the campus are available to students during the summer session. The student body is organized under its own leadership at the beginning of each session. Under these leaders, and certain members of the faculty, a general program of social, recreational, and dramatic events is scheduled.

Fairmont State College always sponsors a number of special features in connection with each summer session. Announcements of such features will be made from time to time by means of press releases, radio announcements and special information sheets.

Special bulletins for the summer session are prepared for distribution. If interested in working toward any particular teaching certificate or degree, or in renewal of certificates, or in pre-professional courses, or in refresher courses, write for the Summer Bulletin. Address, Registrar, Fairmont State College, Fairmont, W. Va.

EVENING CLASSES

Evening classes are operated for the benefit of teachers and other persons whose employment makes impossible attendance in regular day classes. Classes are ordinarily held on Wednesday evening during the hours from 6:00 to 10:00 although classes may be held at such other times as the group involved and the instructor may agree upon. These classes are considered as work done in residence.

In accordance with regulations of the State Board of Education, teachers under contract are limited to a total of nine semester hours of credit during the period of employment each year with a maximum of five credit hours per semester.

EXTENSION CLASSES

Upon request, and when it is possible to provide suitable staff, Fairmont State College will offer off-campus courses to interested groups in the general area of the state it serves. Ordinarily, an enrollment of ten or more persons is necessary before any extension courses may be offered. The enrollment fee is $7.50 per semester hour.

Extension courses may be taken either for credit or without credit, excepting those courses listed definitely as non-credit courses. Students enrolling in extension courses for credit must satisfy all the requirements for admission to Fairmont State College. The work given for credit in extension courses corresponds, as to class requirements, with that given in similar courses on the campus. The credit, however, is recorded as extension credit, and not more than 28 hours of such credit may be included in any student's 128 hour requirement for graduation.

Individuals or groups desiring information about extension courses should contact the Director of Extension.

ADULT EDUCATION CLASSES

Fairmont State College stands ready to offer such adult education classes as may be requested by interested groups when it can provide suitable staff to meet such requests. By and large, adult education classes are those classes meeting at hours and for periods of time differing from those required for the usual credit courses. They are also classes taken without credit.

For information about adult education classes, the Dean of Fairmont State College should be contacted.

TUTORIAL COURSES

Tutorial courses are courses coming under the "to be arranged" heading, that is, the work of the course is carried on through a series of student-instructor conferences. Regulations adopted by the Faculty of Fairmont State College governing the administration of tutorial courses provided. (1) that not more than 6 hours of the 128 hours required for graduation may be earned in courses of this character; (2) that not more than two semester hours of such credit may be earned in any one semester or term; (3) that the only students eligible to take such courses are those with 64 or more hours of earned credit and a scholastic standing of 2.5, or better. The enforcement of these regulations is in the hands of the several student advisers.

VETERANS SERVICES

Fairmont State College stands ready to assist veterans in every possible way. This assistance includes:

1. The maintenance of the Office of Veteran's Coordinator for centralizing all matters pertaining to veteran's relations with the Veterans Administration on the one hand and college authorities on the other.

2. Admission, under certain conditions, as special students, of the veterans who have not completed high school.

3. Allowance of a maximum of 8 semester hours of credit in physical education to those veterans presenting evidence of the completion of the basic training courses in the Armed Forces.

4. Acceptance of correspondence work done with fully accredited instutions of higher education cooperating with the Armed Forces Institute for the amount of credit allowed by the institution with which the credit was earned.

5. Cooperation with the regular policy of the American Council on Education in determining and allowing credit for training received in offices or special technical schools, or in the Army Specialization and the Navy College Training Programs.

NURSING EDUCATION

Fairmont General Hospital School of Nursing maintain an affiliation with Fairmont State College. The preclinical period of the Nursing Education program is completed at this college. The subjects included are anatomy and physiology, chemistry, microbiology, nutrition, psychology and sociology, a total of 17 semester hours.

This arrangement provides a nursing education which is approved by the American College of Surgeons, American Medical Association, and the West Virginia State Board of Examiners for Registered Nurses.

Graduates of a nurses' training school have the following fields open to them: Army and Navy nursing; civilian hospital nursing as staff nurses, supervisors, instructors, superintendents, and administrators; veteran nursing, industrial nursing; public health nursing; health relief and rehabilitation at home and abroad; child health and guidance; occupational therapy; anesthesia; clinical laboratory; X-Ray laboratory.

DIVISIONAL ORGANIZATION

In order to provide greater efficiency in administration, the several departments of the college have been organized to form five divisions. Each division has for its administrative head a coordinator elected by the members of the division for a one-year period. The grouping of the departments into divisions is as follows:

1. **Social Studies**—Economics, Geography, History, Political Science, Psychology, Social Science, Sociology.

2. **Natural Science and Mathematics**—Biology, Chemistry, Geology, Mathematics, Physical Science, Physics.

3. **The Humanities**—Art, English, Journalism, Languages, Library Science, Music, Philosophy, Religion, Speech.

4. **Applied Studies**—Business, Home Economics, Industrial Arts, Office Administration, Physical Education.

5. ***Teacher Education**—Education Department, Divisional Representatives.

*The Division of Teacher Education includes the members of the Department of Education and five representatives elected from the other four divisions. Each division has at least one representative in the Division of Teacher Education.

THE COLLEGE FACULTY

JOHN W. PENCE, M.A., LL.D., *President.*
GEORGE R. HUNT, Ph.D., *Dean of the College.*
MARGARET ELLEN COPELAND, M.Ed., *Dean of Women.*
GEORGE H. TURLEY, M.A., *Dean of Men.*
OTIS H. MILAM, JR., M.A., *Registrar and Director of Admissions.*
WAYNE S. MARTIN, Ed.D., *Director of Student Personnel.*
ANNE M. BARRY, M.A., *Assistant Professor of Physical Education.*
QUENTIN BONE, Ph.D., *Assistant Professor of History.*
HAYDEN CARMICHAEL, M.S.I.E., *Assistant Professor of Industrial Arts.*
ROBERT L. CARROLL, Ph.D., *Professor of Physics.*
EDMUND E. COLLINS, Ed.D., *Associate Professor of Education.*
WILLIAM D. CREASY, Ph.D., *Associate Professor of Biology.*
PAUL C. DAVIS, M.A., *Associate Professor of Recreation.*
A. PAUL DAVISSON, M.A., *Associate Professor of Biology.*
NORMA DONHAM, *Instructor in Music.*
HAROLD S. DUVALL, M.A., *Assistant Professor of Physical Education.*
CHARLES N. ELLIOTT, M.A., *Assistant Professor of Sociology and Social Science.*
JOHN THOMAS EVANS, M.A., *Associate Professor of Music.*
GILBERT G. FITES, JR., M.A., M.S., *Assistant Professor of Library Science.*
ELEANOR M. FORD, M.S., *Associate Professor of Mathematics.*
WAYNE T. GRAY, Ph.D., *Professor of Sociology and Social Science.*
GERTRUDE HALL, M.A., *Associate Professor of Home Economics.*
CLEO D. HAUGHT, M.S., *Associate Professor of Physical Science.*
MELVA C. HESS, M.S., *Assistant Professor of Home Economics.*
C. RAY HOUSE, M.Ed., *Associate Professor of English and Journalism.*
BOYD D. HOWARD, Ed.D., *Professor of Education.*
MARJORIE HUNSINGER, Ph.D., *Professor of Office Administration.*
MARY ALICE HUPP, B.A., *Instructor in Library Science.*
EDGAR N. JAYNES, M.B.A., *Associate Professor of Business and Economics.*
CYRIL W. JOHNSON, M.A., *Associate Professor of Industrial Arts.*
REGIS J. LARKIN, M.Ed., *Lecturer in Business and Economics.*
JAMES ARTHUR LARUE, M.S., *Assistant Professor of Mathematics.*
ALTON F. R. LAWRENCE, Ph.D., *Associate Professor of Political Science.*
KEITH E. LUCAS, Ph.D., *Associate Professor of Business and Economics.*
CLORA MAY MARPLE, M.A., *Assistant Professor of Education.*
PEARL SANDS MCCARTY, Ed.D., *Associate Professor of English.*

Dorothy H. Meyer, B.S., Lib. Sc., *Instructor in Library Science.*
Richard A. Montague, M.Mus., *Assistant Professor of Music.*
George E. Moore, M.A., *Associate Professor of History.*
Ruth Ann Musick, Ph.D., *Associate Professor of Mathematics.*
Paul F. Opp, Ped.D., *Associate Professor of English.*
Woodrow Arthur Potesta, B.S., L.L.B., *Assistant Professor of Business and Economics.*
Mary B. Price, *Assistant Professor of Music.*
Haddon S. Rhodes, M.A., *Associate Professor of English.*
Lillian L. Rhodes, M.A., *Associate Professor of Art.*
Fridtjof Schroder, M.A., *Associate Professor of Art.*
G. Wayne Smith, Ph.D., *Associate Professor of History.*
Marjorie Tate, M.A., *Associate Professor of English.*
John Martin Taylor, Ed.D., *Associate Professor of Education.*
Elizabeth Terry, M.A., *Associate Professor of Romance Languages.*
Lawrence A. Wallman, M.A., *Associate Professor of Speech and Dramatics.*
Nelle E. Walters, M.A., *Associate Professor of Physical Education.*
George Ward, II, M.A., *Assistant Professor of Philosophy and Psychology.*
Raleigh P. Ward, Ph.D., *Professor of Chemistry.*
Kenneth G. Weihe, Ph.D., *Professor of English.*
Jerry J. West, Ph.D., *Assistant Professor of Speech and Dramatics.*
Margaret Semanick Willard, M.A., *Assistant Professor of Education.*
Wilford R. Wilson, M.A., *Associate Professor of Physical Education.*
Kenneth G. Wise, M.A., *Associate Professor of Industrial Arts.*

RETIRED MEMBERS OF FACULTY

Jasper H. Colebank, B.A., *Physical Education.*
Eva Day Compton, M.A., *Home Economics.*
Virginia Gaskill, M.A., *Home Economics.*
Mary Blanche Gibson, M.A., *Education*
Frank Hall, M.A., *Education.*
Maud M. Hull, M.A., *Education.*
Ethel Ice, M.A., *German.*
Laura F. Lewis, M.A., *English.*
E. L. Lively, M.A., *Sociology.*
M. E. McCarty, M.A., *Mathematics.*
Mahala Dorcas Prichard, M.A., *History.*
Jean E. Richmond, M.A., *Home Economics.*
Harold F. Rogers, M.A., *Chemistry.*
Francis Shreve, Ph.D., *Education.*
Oliver Shurtleff, M.A., *English.*
Herman Arthur Shutts, M.A., *Mathematics.*
Frank S. White, Ph.D., *Education.*

ADMINISTRATIVE ASSISTANTS

Katharyn E. Smith, B.A., *Assistant Registrar.*
Ruth L. Hawkins, B.A., *Cashier.*
Arleen McQuown, B.A., *Manager of the Book Store.*
Patricia L. Tennant, B.S., *Director of the Film Service.*
Nell Prichard Carson, B.A., *Assistant to the Registrar.*
Anna Herndon, *Head Resident at Morrow Hall.*
Doris N. Davis, B.A., *Director of Food Service.*
Josephine Willis, R.N., *College Nurse.*

ADMINISTRATIVE SECRETARIES

Emily A. Leaf, B.S., *Offices of the President and the Dean.*
Mary Ellen Radebaugh, B.S., *Office of Student Affairs.*
Bette Poleway, B.A., *Office of the Registrar.*

JAYENNE LABORATORY SCHOOL

Floyd O. Prunty, M.A., *Principal.*
Geraldine Wildman, M.A., *First Grade.*
Ruth E. Oney, M.A., *Second Grade.*
Olene S. Crouser, B.A., *Third Grade.*
Ruth Wilderman, B.A., *Fourth Grade.*
Helen Janes Crowe, B.A., *Fifth Grade.*
Jane Meyer, B.A., *Sixth Grade.*

WHITE LABORATORY SCHOOL

Byron Miller, M.A., *Principal.*
Diane H. Parker, B.A., *First Grade.*
Pearl C. Bennett, B.A., *First Grade.*
Katharine E. Jones, M.A., *Second Grade.*
Eleanor Michael, *Second and Third Grades.*
Hazel Nuzum, B.A., *Third Grade.*
Mary W. Weakley, B.A., *Fourth Grade.*
Gene E. Carpenter, B.A., *Fifth Grade.*
Gladys Nunnally, *Sixth Grade.*

FACULTY ADVISERS

ART:	
Upperclassmen	Miss Rhodes
Freshmen	Mr. Schroder
BIOLOGICAL SCIENCES:	
Upperclassmen	Mr. Davisson
Freshmen	Mr. Creasey
BUSINESS AND ECONOMICS:	
Upperclassmen	Mr. Jaynes
Freshmen	Mr. Lucas
CHEMISTRY	Mr. R. P. Ward
EDUCATION, ELEMENTARY:	
Upperclassmen	Mr. Howard
Freshmen	Miss Marple
ENGLISH:	
Upperclassmen	Mr. Weihe
Freshmen	Mrs. McCarty
Journalism	Mr. House
FRENCH	Miss Terry
HISTORY	Mr. Moore
HOME ECONOMICS:	
Upperclassmen	Miss Hall
Freshmen	Mrs. Hess
INDUSTRIAL ARTS:	
Upperclassmen	Mr. Johnson
Freshmen	Mr. Carmichael, Mr. Wise
LIBRARY SCIENCE	Mr. Fites

MATHEMATICS:		
	Upperclassmen	Mr. LaRue
	Freshmen	Miss Musick
MUSIC:		
	Upperclassmen	Mr. Evans
	Freshmen	Mr. Montague, Miss Price
NURSING EDUCATION		Mr. Hunt
OFFICE ADMINISTRATION		Miss Hunsinger
PHILOSOPHY AND PSYCHOLOGY		Mr. George Ward
PHYSICAL EDUCATION:		
(Men):	Upperclassmen	Mr. Wilson
	Freshmen	Mr. Duvall
(Women):	Upperclassmen	Miss Walters
	Freshmen	Miss Barry
PHYSICAL SCIENCE (Teaching Fields):		Mr. Haught
PHYSICS		Mr. Carroll
POLITICAL SCIENCE		Mr. Lawrence
PRE-PROFESSIONAL:		
	Dentistry	Mr. Haught
	Engineering	Mrs. Ford
	Law	Mr. Lawrence
	Medicine	Mr. Davisson
	Nursing Education	Mr. Davisson
	Pharmacy	Mr. Haught
SOCIOLOGY AND SOCIAL STUDIES:		
	Upperclassmen	Mr. Gray
	Freshmen	Mr. Elliott
SPANISH		Miss Terry
SPEECH AND DRAMATICS:		
	Upperclassmen	Mr. Wallman
	Freshmen	Mr. West
SPECIAL STUDENTS		Mr. Martin
TERMINAL (Two-Year) CURRICULA:		
	Accountancy	Mr. Jaynes
	Clerical	Miss Hunsinger
	General Education	Mrs. McCarty
UNDECIDED		Mr. Rhodes, Mr. Smith, Miss Tate, Mr. Taylor

FACULTY COMMITTEES

Admissions and Credits
Athletics
Buildings
Commencement
Courtesy
Curriculum Development
Faculty Freshmen Advisers
Faculty Welfare
Grounds
Institutional Studies
Library
Planning
Program
Publicity and Publications
Scholarship and Loan
Special Educational Services
Student Activities
Student Health and Recreation
Test Selection
Travel

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FAIRMONT STATE COLLEGE

Fairmont, West Virginia

APPLICATION FOR ADMISSION

Applicants for admission to Fairmont State College are requested to fill in this application and return it to the Director of Admissions at least fifteen days prior to the opening of the semester for which they wish to enroll.

A transcript of high school credits, for incoming freshmen, and a transcript of college work, for upperclassmen, should be sent to the Director of Admissions by the institution in which the credit was earned.

Name of Applicant .... Race ....
Last First Middle

Home Address ....
Street City State

Date of high school graduation .... Units of credit ....

Name and address of Parent ....

High School attended .... Location ....

Name of college attended, if any ....

Dates of college attendance .... Semester Hours of credit ....

Why did you withdraw from that college? ....

When do you wish to enroll in Fairmont State College? ....

Are you registering under the G. I. Bill of Rights? ....

In what department or for what courses do you wish to enroll? ....

....

FAIRMONT STATE COLLEGE

GENERAL CATALOGUE

1957-58

FAIRMONT, WEST VIRGINIA

IMPORTANT NOTICES

CORRESPONDENCE: To avoid delay correspondence should be addressed as indicated below:

Admissions

For everything concerned with the admission of students, including requests for the college catalogue and other publications, academic credits, and information about fees, address

The Registrar and Director of Admissions

Matters of General College Interest and Development, address

The President

Matters Concerning the Faculty, Curricula, Instruction, Summer Session, Evening and Extension Classes, address

The Dean of the College

Matters Concerning Guidance and Counseling, Student Employment, Placement, address

The Director of Student Personnel

Matters Concerning Housing for Women, Admission to the Dormitory, etc., address

The Dean of Women

Matters Concerning Housing for Men, Admission to Veterans' Housing Units, etc., address

The Director of Student Affairs

Matters Concerning Student Accounts, Deferred Payments, Purchases, address

The Business Manager

Alumni Activities, address

The Alumni Secretary

Veterans' Affairs

The Dean of Men

CATALOGUE: Students are urged to secure **and to retain throughout the period of their enrollment** a copy of the annual catalogue for the year in which they entered. Unless changes beyond the control of Fairmont State College occur, or an unusually long period ensues between original enrollment and candidacy for graduation, students will be permitted to graduate under requirements prevailing at the time of entrance.

FAIRMONT

STATE COLLEGE

VOLUME LXXXVII April 1, 1957 NUMBER 1

1867

GENERAL CATALOGUE

1957-58

FAIRMONT, WEST VIRGINIA

ROSE CITY PRESS, CHARLESTON, W. VA.

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CALENDAR FOR 1957-58

1957

June 3, Monday	Registration for First Term, Summer Session
June 4, Tuesday	First Classes, Summer Session, 8:00 A. M.
June 7, Friday	Last Enrollment Day, First Summer Term
July 4, Thursday	Holiday, No Class Meetings
July 12, Friday	Final Class Sessions, First Summer Term
July 15, Monday	Registration for Second Term, Summer Session
July 16, Tuesday	First Classes, Second Summer Session
July 19, Friday	Last Enrollment Day, Second Summer Term
August 23, Friday	Final Class Sessions, Second Summer Term
September 9-13, Monday thru Friday	Orientation and Registration, Freshmen Students
September 11, Wednesday	Registration of Evening students, 6:00 P. M.
September 13, Friday	Registration, Upperclass students Late Registration fee after this date.
September 16, Monday	First Class Meetings, 8:00 A. M.
September 18, Wednesday	First Class Meetings, Evening classes
September 20, Friday	Last Enrollment day, First Semester No classes may be scheduled after this date
November 8, Friday	Last day for class withdrawal' Mid-Semester reports due—4:00 P. M.
November 27, Wednesday	Thanksgiving Recess begins, 4:00 P. M.
December 2, Monday	Classes resume, 8:00 A. M.
December 2-6, Monday thru Friday	Pre-Registration, Upperclassmen, Second Semester
December 9-13, Monday thru Friday	Pre-Registration, Freshmen, Second Semester
December 20, Friday	Christmas Recess begins, 4:00 P. M.

1958

January 6, Monday	Classes Resume, 8:00 A. M.
January 15, Wednesday	Final Examinations, Evening School
January 16, Thursday, 8:00 A. M. thru January 22, Wednesday, 5:00 P. M.	Final Examinations, First Semester
January 27, Monday	Registration of Freshmen students, Second Semester
January 28, Tuesday	Registration of Upperclass students, Second Semester Late Registration fee after this date
January 29, Wednesday	Registration of Evening students, 6:00 P. M.
January 29, Wednesday	First Class Meetings, Second Semester, 8:00 A. M.
February 5, Wednesday	First Class Meetings, Evening Classes
February 7, Friday	Last Enrollment Day, Second Semester No classes may be scheduled after this date
March 28, Friday	Last day for Class Withdrawal Mid-Semester Reports due—4:00 P. M.
April 2, Wednesday	Easter Recess begins, 10:00 P. M.
April 8, Tuesday	Classes Resume, 8:00 A. M.
May 5-9, Monday thru Friday	Pre-Registration for Summer Sessions and First Semester 1958-59, Upperclassmen
May 12-16, Monday thru Friday	Pre-Registration for Summer Session and First Semester 1958-59, Freshmen
May 21, Wednesday	Final Examinations, Evening School
May 22, Thursday, 8:00 A. M. through May 28, Wednesday, 5:00 P. M.	Final Examinations, Second Semester
May 30, Friday	Reception for graduates and alumni, 8:00 P. M.
May 31, Saturday	Commencement Exercises, 10:00 A. M.

FAIRMONT STATE COLLEGE

FAIRMONT, WEST VIRGINIA

ESTABLISHED 1867

WEST VIRGINIA BOARD OF EDUCATION

The State Board of Education has complete control over the educational, administrative, and fiscal policies of Fairmont State College. The personnel list of the present board follows:

	Term Expires
Lawrence R. Lynch, *President, Clarksburg*	1959
Page Wooldridge, *Bluefield*	1957
Lacy T. Rice, *Martinsburg*	1958
James E. Ansel, *Moorefield*	1960
Raymond Brewster, *Huntington*	1961
S. J. Baskerville, *Charleston*	1962
J. H. Murry, *Jenkinjones*	1963
C. Lee Spillers, *Wheeling*	1964
Joseph C. Jefferds, *Charleston*	1965
R. Virgil Rohrbough, *State Superintendent of Free Schools, member ex officio, Charleston*	1961

H. K. Baer, *Secretary and Director of Teacher Training Charleston.*

Homer W. Cox, *Administrative Assistant, Charleston.*

FAIRMONT STATE COLLEGE

Administrative Officers of the College

JOHN W. PENCE, M.A., LL.D., *President*

GEORGE R. HUNT, PH.D., *Dean of the College*

GEORGE H. TURLEY, M.A., *Dean of Men, Director of Publicity, Coordinator of Veterans' Affairs*

MARGARET ELLEN COPELAND, M.A., *Dean of Women*

WAYNE S. MARTIN, ED.D., *Director of Student Personnel*

OTIS H. MILAM, JR., M.A., *Registrar, Director of Admissions*

RICHARD G. ELLIOTT, M.S.L.S., *Librarian*

WILFORD R. WILSON, M.A., *Director of Athletics*

JAMES M. SELLERS, *Business Manager*

HARRY C. FLEMING, M.D., *Director of Student Health Service*

EDGAR L. WILLIAMS, JR., B.S., *Superintendent of Buildings and Grounds*

GENERAL INFORMATION

LOCATION

Fairmont State College, an institution of higher education for the young men and women of West Virginia, is located in Fairmont. As the county seat of Marion County and the center of the northern West Virginia coal industry, Fairmont is a thriving city of some 30,000 inhabitants. Being served by two railroads, several bus lines, and highways 19, 31, 73, and 250, it is easily accessible from all points of the state. It is the operating headquarters and home of a number of large coal, utility, and manufacturing concerns. The city offers unusual cultural and economic advantages. It possesses excellent stores, several theatres, and numerous churches of all faiths. Community choral groups and a Little Theatre organization provide excellent outlets for local talent. Student and faculty members of Fairmont State College are encouraged to take an active part in these various community activities.

PURPOSES AND AIMS

Fairmont State College is a four-year state college whose purpose is to serve its area and the state at large by offering such undergraduate curricula in general and vocational education as the West Virginia Board of Education may approve from time to time.

Under this broad directive, Fairmont State College offers curricula for the preparation of elementary and high school teachers and curricula leading to degrees in the liberal arts and sciences. Besides the courses terminating with the granting of degrees, Fairmont State College offers two-year curricula in several areas and two to three years of pre-professional training in a number of fields.

The evening classes and extension programs offered are designed to meet the needs of in-service teachers of the area and to provide local business and professional people opportunities for additional training in their particular fields.

In addition to its formal academic program, the College is interested in participating actively in worthwhile community projects. To that end it is the policy of the college administration to share with the community the cultural program and physical facilities of the College.

By providing a suitable environment, good equipment, and a well-trained staff, Fairmont State College aims to offer for its students training that should equip them with vocational and personal fitness for life, and to provide the community with a source of information and culture.

HISTORY

Founded as a private teacher training school in 1865, Fairmont became a normal school under state control in 1867. Housed originally in space provided by a local church, Fairmont State College has since occupied sites at the head of Adams Street and at Second Street and Fairmont Avenue in the block now containing the United States Post Office. In 1917 the College was moved to its present location on Locust Avenue.

Fairmont State College is the oldest normal school south of the Mason and Dixon Line, and the earliest recipient of aid from the George Peabody Fund. Operated as a teacher training school with some academic work on the secondary school level, Fairmont's scope was widened in 1908 when teachers were permitted to qualify for certificates through normal school training as well as through examinations. In 1924 Fairmont granted its first bachelor's degree in education on the basis of the completion of a four year college course. In 1931 the Legislature changed the named of Fairmont State Normal School to Fairmont State Teachers College. The title was again changed by the Legislature in 1943 to FAIRMONT STATE COLLEGE, and authorization was given to offer Bachelor of Arts and

Bachelor of Science degrees. As a result of these developments, Fairmont is now authorized and equipped to offer a wider educational service to the people of West Virginia than ever before in its long history.

CAMPUS

The Fairmont State College Campus consists of approximately seventy acres with its principal frontage on Locust Avenue at the edge of the present city limits of Fairmont. On a commanding site overlooking much of the city of Fairmont, the college is readily accessible to all students by private car or public transportation.

BUILDINGS AND EQUIPMENT

Fairmont State College possesses an unusually modern and well-equipped physical plant.

The Administration Building is the oldest and largest building on the campus. In addition to the administrative offices, it houses numerous classrooms, a cafeteria, the student lounge, the college bookstore, and other facilities. Centered by its famous "Columns", the Administration Building presents an impressive frontage to Locust Avenue, one of Fairmont's busiest thoroughfares.

An Auditorium with a seating capacity of 500 persons is located in one wing of the Administration Building. Here dramatic productions, concerts, assemblies and other important campus activities are carried on.

The Library Building is a three story structure of steel, concrete, glass and brick. Functional rather than monumental in design, it emphasizes accessibility of books, attractive informal appearance, good lighting, accoustical treatment and mechanical ventilation. In addition to the usual library facilities and services, there is a typing room for the use of students, a number of individual study desks and carrels, music listening facilities, an art materials room, two seminar rooms and a moving picture screening room.

Located in new quarters, with additional facilities for serving student and faculty needs, the Library is now at the beginning of a new period of usefulness to the College. At the present time there are approximately 42,000 volumes, exclusive of government documents for which the Library is an approved depository. The Library receives many daily newspapers and more than 260 periodicals. It also operates a film rental service for the benefit of the several departments and campus organizations. The Library also maintains a collection of over 400 albums of records for faculty and student use.

Science Hall is a large light brick building housing the departments of Mathematics, Natural and Biological Science, Home Economics and Business Administration.

Colebank Gymnasium is one of the newer campus buildings. It contains two gymnasiums, one for men and one for women. It also contains a fine swimming pool, classrooms, lockers, showers, equipment and office rooms. It is constantly in use for the various activities of the Physical Education Department and of the campus generally.

Morrow Hall is the campus residence hall for women. It is designed to furnish attractive and homelike surroundings.

The Industrial Arts Building is a single story frame building with full basement. It is 195 feet long and contains a central section 75′x40′, and two wings each 60′x25′. The building is so constructed that in the very near future it can be brick veneered to match the rest of the campus units. It is well designed to provide the necessary space for an integrated course in all phases of industrial arts work. A smaller unit of the quonset hut type is available, in an adjoining location, for additional offerings in the Industrial Arts field.

Music Practice Studio, situated to the rear of Colebank Gymnasium, provides studios and practice rooms for the Music Department.

The Field House situated on Rosier Field is equipped with dressing rooms, lockers and showers for visiting and local football and baseball teams.

Rosier Field, situated at the upper end of the campus, is one of the beauty spots of Fairmont. Space is provided for a large football field, practice fields, baseball diamond and parking space. A concrete stadium capable of seating 5,500 spectators is provided. Nearby are 6 tennis courts.

The President's Home is a ranch-type structure, brick construction, situated on a knoll overlooking the main campus.

Veterans' housing units, seven in number, are located on the campus convenient to classrooms, cafeteria, library, and gymnasium. These units provide quarters for 48 single men, 18 married men without children, and 6 married men with children.

ACADEMIC INFORMATION

ACCREDITING

Fairmont State College is fully accredited by the North Central Association of Colleges and Secondary Schools and the National Council for Accreditation of Teacher Education. The College also holds membership in the American Association of Colleges for Teacher Education, the Association of American Colleges, the American Council on Education, the National Commission on Accrediting, and the American Association of University Women. These affiliations guarantee to Fairmont State College graduates and students full recognition of their earned credits in other colleges and universities.

DEGREES

The degrees granted by Fairmont State College are Bachelor of Science, Bachelor of Arts and Bachelor of Arts in Education. For each degree 128 semester hours of credit are required. The number of quality points required for a degree is not less than 256, and may be more, since each student must average two points for each semester hour attempted. This is to say that the quality point average is computed by using all courses entered on the student's permanent record card. No student shall be awarded more than one baccalaureate degree.

ADMISSION

Admission to Fairmont State College may be obtained: (1) by certificate of graduation and credit properly certified from an accredited high school, (2) by properly certified transcript of credit and statement of good standing from a standard college or university, and (3) by examination.

Admission of High School Graduates: An applicant for admission by high school certificate should file with the Registrar an official statement of his credits, signed by the proper official of the school from which he comes. This certificate should come directly from the principal of the secondary school to the Registrar of the College. The Registrar will notify the applicant as to the acceptance of his credits.

Transfer Students: Any person who applies for admission and has attended another institution of collegiate rank, whether he has earned credit or not, will be classified as a transfer student. A student applying for admission as a transfer student must meet the entrance requirements of this college and present evidence that he is in good standing in every respect at the institution last attended. Students who have been dismissed for academic or social reasons will not be eligible for admission. Students whose scholarship average is below C (2.0) in previous college work may be admitted on probation if such an admission seems warranted. In no case shall a student be admitted whose record is such that he would have been dropped at Fairmont State College.

Transfer credits are posted on the permanent record as received. All grades received by a transfer student in the college or colleges which he has previously attended must be included in the calculation of his quality point average even though some of the grades do not represent courses for which credit can be granted.

To be official, a transcript must come direct from the institution issuing it and must bear the official seal of the institution, and the manual signature of the proper authority. The transcript should show the descriptive title of the courses, the year in which the work was done, the number of credits, and the grade. A transcript, when accepted, becomes the permanent property of the college and will not be returned to the student. Such transcripts should be sent at least thirty days prior to the opening of the semester or term.

Examination for Entrance: Veterans of World War II who have not graduated from high schools will be given an opportunity to enter college on the basis of United States Armed Forces Institute General Educational Development tests.

No credit of collegiate grade will be allowed for work done in the former normal training schools, except as authorized by the West Virginia State Board of Education. By the action of the board five-eights college credit may be allowed for such work up to a maximum of 20 hours, provided credit was earned after graduation from high school.

Exceptions to the regulations on admission:

1. A mature student who is 21 years old or older may enter Fairmont State College as a special student when he is deficient in entrance requirements, but he must meet these requirements before he can be granted a degree or be recommended for a teacher's certificate.

2. A student who lacks only one unit of credit for graduation from his high school may be granted admission to Fairmont State College with a condition of one unit and be permitted to work off the condition during his first year in college.

REGISTRATION

At least one month prior to registration day an official transcript of credit must be filed in the Office of the Registrar and Director of Admissions for each incoming freshman and each transfer student.

All students are expected to complete registration on the days set aside for this purpose at the beginning of each semester or term. No registrations will be allowed after the following dates: First summer term, June 7; second summer term, July 19; first semester, September 20; second semester, February 7. Students who do not register on regular registration dates set for the term or semester (see calendar) will be charged a late registration fee.

Printed schedules of classes may be obtained from the Registrar's Office in advance of registration days. Registration cards for those students who have pre-registered will be held by the several advisers until the date set for the completion of registration; new students will receive registration cards at the times indicated in the college calendar.

Transfer students enrolling for the first time should see the Registrar before enrolling.

Pre-registration opportunities for students in residence will be given as indicated in the calendar. All students in residence who will register for the ensuing semester should contact their advisers and pre-register. Students failing to pre-register will be charged an extra fee.

SEMESTER HOURS—DEFINITION

The semester hour is the basis of college credit within the institution. A lecture-recitation course meeting one period a week for a semester carries one semester hour of credit; if meeting two periods, two semester hours of credit. Laboratory courses, however, require a minimum of two periods a week for each semester hour of credit.

GRADING SYSTEM

The following system of grading is used within the institution:

A—Superior, given only to students for exceptional performance.

B—Good, given for performance distinctly above the average in quality.

C—Average, given for performance of average quality.

D—Lowest passing grade, given for performance of poor quality.

F—Failure. Course must be repeated if credit is to be received.

FIW—Failure because of irregular withdrawal.

I—Incomplete, given to a student who misses a part of the course for a reason the instructor recognizes as a valid excuse for delay in completing the assignments. Unless the work missed is completed within a year from the date the mark is recorded, the I automatically changes to an F.

WP—Withdrew Passing, from one class or from college.

WF—Withdrew Failing, from one class or from college.

QUALITY POINTS

The quality of a student's work is indicated by quality points.

Candidates for graduation must have at least twice as many quality points as semester hours attempted, that is, a point-average of 2. on all college work. Quality points for grades A, B, C, D, are computed as follows:

A—Four (4) quality points for each semester hour of credit.

B—Three (3) quality points for each semester hour of credit.

C—Two (2) quality points for each semester hour of credit.

D—One (1) quality point for each semester hour of credit.

A student's grade average is determined by dividing the number of his quality points by the number of credit hours he has scheduled. No quality points are attached to grades F, FIW, and WF, but the credit hours for the courses in which these grades are received will be used in computing his grade average.

It is the student's responsibility to keep informed of his quality point standing. This information can be obtained at any time from the Registrar.

CLASSIFICATION OF STUDENTS

Students who have completed not less than 96 hours of college work are classified as seniors.

Students who have completed not less than 64 hours and not more then 96 hours of college work are classified as juniors.

Students who have completed not less than 32 hours and not more than 64 hours of college work are classified as sophomores.

Students who have completed the high school or secondary course and not more than 32 hours work are classified as freshmen.

NUMBERING OF COURSES

Courses 100-199 are for freshmen; courses 200-299, for sophomores; courses 300-399, for juniors; courses 400-499, for seniors. With the approval of his adviser a student may enroll for a course on either the next higher or the next lower level.

CREDIT FROM A JUNIOR COLLEGE

The maximum credit accepted from a Junior College accredited by the North Central Association of Colleges and Secondary Schools or other regional accrediting associations will not exceed seventy-two. No more than 64 semester hours may be accepted from junior colleges which are not regionally accredited. No credit will be allowed for courses completed in a junior college subsequent to attainment of junior or higher rank by the student.

NON-RESIDENT OR OFF-CAMPUS CREDIT

One hundred (100) semester hours of the 128 required for graduation shall be completed in regularly scheduled campus courses. The 28 hours of permissible non-residence courses may be earned by extension, home study (correspondence), radio, television, special examination and/or army service. Credit earned in home study will be accepted only when earned in a regionally approved college.

ASSIGNMENTS AND CREDITS

1. Semester Load: A student who enters at the beginning of a semester may be assigned a sixteen or seventeen hour schedule, but not more, except by petition and permission from the Registrar. An adviser may not give permission for more than seventeen hours.

2. Late Registration Fees: A fee of one dollar per day will be charged students who enroll after the day set for regular registration as indicated in the college calendar; the maximum to be $5.00.

3. Schedule Changes: Students must petition the Committee on Admissions and Credits to make schedule changes after the third week of a semester or the second week of a summer term.

Students may not add new classes to their schedules after the period of registration has ended. An exception is made for classes which begin at mid-term. Registration for these classes, however, must be completed before the classes start.

4. Withdrawal from College: A student desiring to withdraw from the College will apply at the Registrar's Office. Here forms must be obtained which when completed with the proper signatures and returned to the Registrar's Office, will constitute an official withdrawal. The instructor records on the Final Report Class Cards to the Registrar, a W for students withdrawing during the first six weeks of a semester or two weeks of a summer term. In case the official drop notice is issued after one-third of the semester or term, the instructor will record either WP or WF at the end of the period of enrollment.

No withdrawals may be made from individual classes after mid-semester. If a student drops a part of his academic load after nine weeks of the semester or three weeks of the summer term have elapsed, an F or FIW will be recorded for each course dropped. Where a student withdraws regularly from college after nine weeks of the semester or three weeks of the summer term have elapsed, the instructor will record a WP or WF, as the case may be. Such grades will be used as a part of the student's record for the semester in determining his eligibility for enrollment later.

A student who withdraws from the college without giving formal notice to the Registrar will receive at the end of the semester a grade of "FIW" in each subject for which he is registered.

5. Repeating a course: With the approval of his adviser, a student may repeat a course in which he has received an F, or a D. When this is done, both grades will be recorded and used in computing the student's point average.

6. Minimum Residence Requirements for Graduation: For a degree, at least one year's work in residence is required, one semester of which must be in the senior year. A "year of residence" must represent not less than 32 weeks' work in residence with not less than 32 hours credit. A semester is defined as a minimum of 18 weeks and 16 hours credit.

Exception is made in the case of any student who has completed three years of required work in Fairmont State College and who wishes to complete the senior year by substituting approved credit earned subsequently in a college of law, medicine, or dentistry.

7. Application for Graduation: Candidates for graduation must make official application for a degree at least 45 days before Commencement Day. Applications will be filed with the Registrar.

HONOR ROLL

Those students who are registered for twelve or more hours and who at the end of the semester receive grades averaging B or above are considered honor students and a list of such students constitutes what is known as the Honor Roll.

GRADUATION WITH HONORS

Candidates for graduation who have achieved special distinction in academic work are graduated with honors. Honors are determined by the cumulative quality point average of student's work at graduation. Three grades of honors are recognized: *cum laude* for a point average of 3.0 to 3.49; *magna cum laude* for a point average of 3.50-3.74; and *summa cum laude* for a point average of 3.75, or better. Averages are based upon the entire academic record of the student, including the final grades of the second semester or senior year.

TRANSCRIPTS

Every student at Fairmont State College is entitled to one official transcript of his record free; for each additional copy a fee of one dollar ($1.00) cash will be charged. **No student who fails to meet his financial obligations to the College, or any department of the college, will be given a transcript.**

An application for a transcript of credit should furnish the date of last attendance at Fairmont State College, and a married woman should give both her maiden and married names. All requests for transcripts should be sent directly to the Registrar.

AUDITORS

Students who are registered in Fairmont State College may be permitted to attend classes as auditors provided they shall have obtained the written permission of their advisers and of the instructors in the classes they desire to visit. No person who enrolls in any class as an auditor may in the same semester, term, or later be considered as enrolled in this class for the purpose of obtaining credit. In no case whatsoever will auditing be regarded as a factor in obtaining credit.

Students eligible to attend classes as auditors may obtain proper permission blanks from the Registrar. Other persons, not registered students, may attend classes as auditors upon securing permission from the Registrar and from the instructors involved, upon payment of the regular fee. Auditors are required to complete the regular registration forms.

ABSENCES

Faculty members have responsibility for excusing or not excusing absences. Students have the responsibility of contacting individual faculty members about their absences. Failure of students to offer satisfactory explanations of absences may bring about a lowering of the class grade, or may lead to failure in the course.

REPORTS TO STUDENTS

The grades of all students are reported by each faculty member to the several student advisers at the middle and end of each semester. Midsemester reports, unless there are special reasons, are not mailed to the student's home address.

SPECIAL EXAMINATIONS FOR COURSE CREDIT

Students may take special examinations to qualify for credit in certain courses. For further information as to the courses covered in this manner, students should contact the Student Personnel Office. All tests are administered by the College Testing Service.

Applications must be made to the Registrar for permission to take a special examination. To qualify for permission to take such an examination, an applicant must be enrolled or must have completed successfully one semester or summer session in Fairmont State College. The applicant must, in addition, establish eligibility in regard to his background in the area concerned. In order to gain college credit by special examination, the student must demonstrate better than average proficiency in the course. Examinations will not be given for courses in which the student has obtained a low grade previously.

Applicants must pay a fee of $3.00 for each special examination, if regularly enrolled at the time of taking the examination; otherwise the fee is $2.50 per semester hour of credit to be received. A receipt for the payment of the fee must be obtained from the Cashier's office. No money will be refunded if any examination is failed. No examination may be repeated.

PROBATION

A student who, in any semester, earns credit in less than two-thirds of his scheduled load and/or falls below a point average of 1.5 will be placed on probation for low scholarship.

DISMISSAL FOR LOW SCHOLARSHIP

No student is permitted to remain on probation for two consecutive semesters. If he does not earn credit on three-fourths of his scheduled load with a point-average of 1.7 or better in the semester in which he is on probation, he is automatically dropped from the college for low scholarship.

A student dropped for low scholarship may petition the Committee on Admissions and Credits for reinstatement after the lapse of two semesters and may be reinstated if the Committee is convinced of his ability and desire to do satisfactory work. If reinstated, the student must meet the regular scholastic regulations from that time on in all college work. These scholastic requirements are stated above.

For the purpose of handling probation problems, two six-week summer terms will be considered the equivalent of a semester.

COLLEGE FEES

ENROLLMENT FEES:

West Virginia Students:

Tuition (8 hours and above)	$ 25.00
Student Activity Fee	10.00
Course Fee	3.00
Student Union Fee	3.00-5.00*

**Non-Resident Students:

Tuition (8 hours and above)	$ 175.00
Student Activity Fee	10.00
Course Fee	3.00
Student Union Fee	3.00-5.00*

*All full-time students will pay a Student Union Fee—the exact amount to be established later.

Part-Time Student Fees, West Virginia Students:
Regular Semester (Less than 8 hours):

1 Semester Hour	$ 5.00 plus	$1.00 Course Fee
2 Semester Hours	8.00 plus	1.00 Course Fee
3 Semester Hours	10.00 plus	1.00 Course Fee
4 Semester Hours	13.00 plus	1.00 Course Fee
5 Semester Hours	16.00 plus	1.25 Course Fee
6 Semester Hours	19.00 plus	1.50 Course Fee
7 Semester Hours	22.00 plus	1.75 Course Fee
Student Union Fee		3.00-5.00*

Fees for Part-Time Out-Of-State Students per Semester:
Regular Semester (Less than 8 hours):

1 Semester Hour	$15.00 plus	$1.00 Course Fee
2 Semester Hours	30.00 plus	1.00 Course Fee
3 Semester Hours	45.00 plus	1.00 Course Fee
4 Semester Hours	60.00 plus	1.00 Course Fee
5 Semester Hours	75.00 plus	1.25 Course Fee
6 Semester Hours	90.00 plus	1.50 Course Fee
Student Union Fee		3.00-5.00*

*All part-time students will pay a Student Union Fee—the exact amount to be established later.

SUMMER SCHOOL FEES:

West Virginia Students:

Tuition (4 hours and above) one term	$ 15.00
Tuition (4 hours and above) two terms	30.00
Student Activity Fee (Payable one term only)	2.00
Course Fee $1.50 (Payable each term)	3.00
Student Union Fee (Payable one term only)	2.00-3.25*

Non-Resident Students:

Tuition (4 hours and above) one term	$ 58.00
Tuition (4 hours and above) two terms	116.00
Student Activity Fee (Payable one term)	2.00
Course Fee $1.50 (Payable each term)	3.00
Student Union Fee (Payable one term)	2.00-3.25*

Part Time Student Fees, West Virginia Students:

1 Semester Hour	$ 5.00 plus	$1.00 Course Fee
2 Semester Hours	10.00 plus	1.00 Course Fee
3 Semester Hours	15.00 plus	1.00 Course Fee
Student Union Fee		2.00-3.25*

Part Time Student Fees, Non-Resident Students:

1 Semester Hour	$15.00 plus $1.00 Course Fee
2 Semester Hours	30.00 plus 1.00 Course Fee
3 Semester Hours	45.00 plus 1.00 Course Fee
Student Union Fee	2.00-3.25*

*All summer school students will pay a Student Union Fee. The exact amount to be established later.

AUDITING FEE:

Auditing Fee is the same rate as the Semester Hour Fee.

EXTENSION FEES:

West Virginia Students (Per Semester Hour)	$ 7.50
Non-Resident Students (Per Semester Hour)	30.00

SPECIAL FEES:

Late Registration Fee: per day, 1 to 5 days	$1.00-$ 5.00
Fee for failure to pre-register	2.00
Diploma Fee	3.00
Fee for Rental of Cap and Gown	1.00
Freshman Orientation Fee (Maximum)	1.50
Transcript Fee (First Transcript is furnished free)	1.00
Special Examinations for course credit (Regularly enrolled students)	3.00
Special Examinations for course credit—Non-enrolled students, per semester hour	2.50
Rates for special students in Industrial Arts classes:	
I.A. 134N, 234N, 334N, 434N, 345N, 346N	12.00
Special Fee for Driver Education Course:	
Regularly enrolled students	2.00
Non-enrolled students	5.00

**"The residence of a person under twenty-one years of age is fixed by the residence of his parents, bona fide guardian, or the parent with whom he makes his home."

Note: A person named as a guardian for the purpose of obviating this provision is not a bona fide guardian. A declaration of intended residence in the state of West Virginia shall not constitute citizenship within said state for the purpose of establishing residence under this provision.

"A resident student is one whose actual bona fide residence is within the State of West Virginia. A person who resides in another state and comes into West Virginia for the purpose of attending school, or for any other temporary purpose, must pay the tuition fee fixed for a non-resident student."

PAYMENT OF TUITION AND FEES:

The regulations of the West Virginia Board of Education provide that "No financial credit of any type shall be extended to any individual either student or other, at any state college or institution. All college and institutions shall operate strictly cash basis with all payments and obligations being collected in advance. All tuition and fees must be collected in full for each semester on enrollment day for such semester."

REFUND POLICY FOR TUITION AND FEES:

A student who withdraws regularly from the college may arrange for a refund of his fees in accordance with the following schedule:

18 Weeks (Semester)	
During first and second weeks	90%
During third and fourth weeks	70%
During fifth and sixth weeks	50%
Beginning with seventh weeks	No Refund

6 Weeks (Summer Term)	
During first week	90%
During second week	70%
During third week	50%
Beginning with fourth week	No Refund

WOMEN'S RESIDENCE HALL EXPENSES:

Room Rent (18 Week Term) $72.00 per semester per person.

Room Rent (Per Six Week Term) $22.50 per student—occupancy two students per room.

Room Rent (Per Six Week Term) $25.00 per student—occupancy one student per room.

Board (18 week term) $180.00.

Board (6 week term) $60.00.

A two percent Consumers Sales Tax is payable on all Room and Board charges.

A $10.00 deposit is required of all students living in the dormitory. The deposit on rooms less assessments, is refundable at the close of the school term. THERE IS NO REFUND OF ROOM DEPOSITS TO STUDENTS CHANGING RESIDENCE DURING A TERM OR SEMESTER, OR TO STUDENTS WITHDRAWING DURING A TERM OR SEMESTER.

MEN'S TEMPORARY RESIDENCE EXPENSES:

Single Barracks (18 Week Term)	$49.50
Single Barracks (6 Week Term)	16.50
Large Apartments (per month)	35.00
Large Apartments (per month)	32.50

A two percent Consumers Sales Tax is payable on room rental.

A $5.00 deposit is required of all students living in the barracks.

Board is available to any student living in the barracks or living off campus at the rate of $180.00 per semester.

PAYMENTS:

Board and Room payments shall be divided into not more than two equal installments per 18 week term.

Board and Room payments shall be made in full for the six weeks summer term.

Apartment rent must be paid in advance and must be paid no later than the third day of each month.

Board and Room Rates are subject to change.

(All fees are subject to change by approval of the West Virginia State Board of Education.)

REQUIREMENTS FOR BACHELOR OF ARTS AND SCIENCE DEGREES

The courses required in the several departments leading to the Bachelor of Arts or Bachelor of Science degrees may be conveniently described in four categories, viz., General Requirements, Majors, Minors, and Electives. General requirements include those courses required of all students without regard to the area of concentration. A major is defined as the area of greatest concentration, or, more specifically, as the department in which the most credit is earned. A minor is the area of second greatest concentration, or, in other words, the department second to the major in the amount of credit earned. Electives are those courses not included in the other categories.

Degrees are offered by departments as follows:

Bachelor of Arts Degree

- Art
- English
- French
- History
- Home Economics
- Mathematics
- Music
- Philosophy and Psychology
- Political Science
- Sociology
- Spanish
- Speech and Dramatics

Bachelor of Science Degree

- Biology
- Business Administration
- Chemistry
- Home Economics
- Industrial Arts
- Mathematics
- Physical Education
- Physics
- Recreation
- Secretarial Studies

All degrees granted by Fairmont State College have the same minimum requirements with regard to credit and quality point average. The minimum credit is 128 semester hours with an average of 2.0 quality points per semester hour for all courses entered on the student's permanent record card. The credit varies among departments; but in all cases the quality point average for a major or minor must be 2.0 or better.

Courses taken to satisfy the general requirements, or their equivalents, will be included in the major or minor. Thus, a major student in English would count the general requirements in Composition and Literature as part of his major work.

Twelve hours of one foreign language is a general requirement for the Bachelor of Arts degree for those who entered college for the first time in September, 1955, or later. Three hours of this requirement may be waived for each unit of the language presented as entrance credit, provided that the student is competent to continue the study of the language at the appropriate college level.

Students pursuing courses leading to the degrees of Bachelor of Arts and Bachelor of Science, who also meet state certification requirements in one or more teaching fields, including the required professional courses, will be recommended for first class teaching certificates in the areas in which they may be qualified. These persons are warned, however, that the requirements for the Bachelor of Arts and Bachelor of Science degrees differ considerably from those of the Bachelor of Arts in Education Degree. The Bachelor of Arts in Education degree automatically qualifies the student for a first-class teaching certificate. The other degrees do not.

It is the responsibility of the student to know and meet all requirements. The catalogue is published for the primary purpose of providing students with a source book of information pertaining to the College resources and requirements. Additional information or clarification of the statements in the catalogue may be obtained from the adviser or the Register.

GENERAL REQUIREMENTS FOR THE BACHELOR OF ARTS AND THE BACHELOR OF SCIENCE DEGREES

Subjects	Cat. No.	Sem. Hrs.
ART	255	2
ENGLISH*		
(Wr. & Spkn.)	102-A or B, 104	6
(Literature)	202, 204	6
HEALTH**	102	2
HISTORY	111, 112	6
	207 or 208	3
LANGUAGE***		
French, German, or Spanish	101, 102	6
	201, 202	6
MUSIC	205	2
PHYSICAL EDUCATION		
Women	101, 111	2
Men	115, 116	2
PSYCHOLOGY	103	3
SCIENCE		
Biology	101, 102 or	6
Physical Science****	201, 202	6
SOCIAL SCIENCE	201, 202	6
SPEECH	101	2

*English 102C is required in addition to 102 A or B for those students who fail to obtain a satisfactory score on the English placement test.

**Not required of those students who earn 6 hours credit in biology.

***Required of all candidates for the Bachelor of Arts degree.

****Not required of physical science majors or those who have credit in college physics and chemistry. No credit is allowed in General Physical Science if credit is earned in physics and/or chemistry.

SPECIFIC REQUIREMENTS IN ALL MAJOR FIELDS

ART

MAJOR 36 Sem. Hrs.

History of Art 8

255	History and Appreciation of Art	2
278	Ancient and Medieval Art	3
377	Italian and Northern Renaissance Art	3
378	Nineteenth Century and Contemporary Art	3
477	Seminar in Art History	2
478	Survey of Mexican Art	3-6

Studio Work (one major area in Art) 12

Ceramics and Sculpture

283	Modeling and Sculpture	3
284	Modeling and Sculpture	3
383	Ceramics	3
384	Ceramics	3
483	Advanced Sculpture	2
484	Advanced Sculpture	2

Design

141 Art Structure	2
291 Commercial Design, I	3
292 Commercial Design, II	3
392 Textile Design	3
491 Interior Design	3

Drawing and Printmaking

142 Drawing	2
241 Drawing from Life	2
242 Drawing and Painting from Life	3

Painting

361 Painting in Oil	3
362 Painting in Oil	3
363 Painting in Watercolor	3
364 Painting in Watercolor	3
365 Painting in Gouache	3
461 Advanced Painting in Oil	3
462 Advanced Painting in Oil	3
463 Painting in Any Medium	3
464 Mural Painting	3

Studio Work (Selected from two or more major areas: 16

see courses listed under Ceramics and Sculpture, Design, Drawing, and Printmaking, and Painting above).

MINOR IN ART 24 Sem. Hrs.

History of Art Courses (See Above)	5
Studio Work Courses (See Above)	19

BIOLOGY

(Botany, Zoology)

Candidates for the Bachelor of Science degree may elect either botany or zoology as a field of concentration, or a combination of both. A year of General Biology will be required as a prerequisite in any case. Also, a minimum of 6 hours in botany and zoology is required for both majors.

BIOLOGICAL SCIENCE 30 Sem. Hrs.

Required courses

101, 102 Introduction to Biology	6

BOTANY MAJOR 24

Required courses 15

201 General Botany	4
310 Plant Physiology	4
330 Field Botany	3
340 The Plant Kingdom	4

Electives (to include 6 hours of zoology) 9

ZOOLOGY MAJOR			24
Required courses		15	
315 Field Zoology	3		
320 Invertebrate Zoology	4		
321 Vertebrate Zoology	4		
350 Comparative Anatomy of Vertebrates	4		
Electives (to include 6 hours of Botany)		9	

BOTANY

(See Biology)

BUSINESS ADMINISTRATION

MAJOR			39 Sem. Hrs.
Required Courses (All Curricula)			27
Bus. 102	Principles of Business	3	
Bus. 141	Business Mathematics	3	
201, 202	Principles of Accounting	6	
306, 307	Business Law	6	
Econ. 101	American Business & Industry	3	
201, 202	Econ. Prin. and Problems	6	
Required Courses from Business, Economics and Secretarial Studies			12

(These courses must be selected from special curricula, in the above fields)

Language. No requirement, but French, German or Spanish is recommended.

MINOR		18 Sem. Hrs.
Required Courses:	Bus. 102, 201, 202	9
	Econ. 101, 201, 202	9

CHEMISTRY

MAJOR

Required Courses				55 Sem. Hrs.
Chemistry			28	
101, 102	General Chemistry	8		
201	Qualitative Analysis	4		
240, 241	Quantiative Analysis	8		
301, 303	Organic Chemistry	8		
Physics			8	
101, 102	General Physics	8		
Mathematics			7	
221	College Algebra	3		
251	Analytical Geometry	4		
Language: German or French			12	
Recommended Strongly:				
Mathematics				
321	Differential Calculus	4		
331	Integral Calculus	4		

MINOR (No Minor Offered)

ENGLISH

MAJOR		33 Hrs.
Required Courses, Studies and Practice in the English Language 102, 104, 321	9	
Required Courses, Literature 351-352, 361-362	12	
Electives, Literature, Group I 311, 312, 313, 314, 318, 341, 342, 418	4-8	
Electives, Literature and Language, Group II 302, 315, 316, 317, 322, 324, 325, 328, 329, 330, 331, 413	4-8	
Foreign Language One, selected from French, Spanish, or German		12 Hrs.

MINOR		27 Hrs.
Required Courses, Studies and Practice in the English Language 102, 104	6	
Required Courses, Literature 202, 204, 341 or 342	9	
Electives, Literature and Language	12	

Choice may be made from Groups I and II
as listed in the major

FRENCH

*MAJOR				24 Sem. Hrs.
Required Courses			12	
101, 102	Elementary French or equivalent	6		
201, 202	Second Year French	6		
Electives			12	
301	Literature of the 17th Cent.	3		
302	Literature of the 18th Cent.	3		
309	Adv. Grammar and Comp.	2-3		
421	Literature 1800-1850	3		
422	Literature 1850-1900	3		
431	French Civilization and Culture	3		

*MINOR		18 Sem. Hrs.
Required Courses 101, 102, 201, 202	12	
Electives To be selected from electives for major	6	

*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

HISTORY

MAJOR			30 Sem. Hrs.
Required Courses			
111, 112	Development of Social Institutions	6	
207, 208	Survey of United States History	6	
462	Methods of Research	3	
		15	

The remaining semester hours required for the history major are to be elected by the student from among the following courses, with a minimum of three semester hours to be selected from each group.

GROUP I

205	Contemporary Affairs	2
302	History of West Virginia	3
304	United States and Latin America	2-3
312	American Diplomatic History to 1898	2
313	American Diplomatic History Since 1898	2
315	Colonial America	2
316	Jeffersonian and Jacksonian Democracy	2
317	History of the South	3
318	The Westward Movement	3
320	America Economic History	2-3
401	Reconstruction and National Development	3
410	U. S. Since the First World War	3
460-A	Guided Historical Study	1-2

GROUP II

221	Modern Europe to 1815	3
222	Modern Europe Since 1815	3
307	England to the Glorious Revolution	2
308	England Since the Glorious Revolution	2
340	Europe Since 1870	3
350	History of Western Thought	3
402	Contemporary Europe	3
460-B	Guided Historical Study	1-2

GROUP III

305	Latin America to 1824	2
306	Latin America Since 1824	2
421	History of Russia	2
422	Recent History of the Far East	2
423	Recent History of the Middle East	2

Elect from this group:

Economics, Geography, Political Science or Sociology .... 12 Sem. Hrs.

MINOR 18 Sem. Hrs.

Required Courses	
111, 112 Development of Social Institutions	6
207, 208 Survey of United States History	6
Electives	
(From any other History courses listed)	6
	18

HOME ECONOMICS

MAJOR

AB Degree—35 Sem. Hrs.

BS Degree—39 Sem. Hrs.

Required	AB	BS
101 Elementary Clothing	2	2
102 Clothing Selection and Const.	3	3
103 Principles of Clothing Selection	2	2
201 Elementary Foods	3	3
202 Advanced Foods	3	3
210 Textiles	3	3

303 Nutrition	3	3
312 Consumer Education	3	
315 Home Management	3	3
320 Home Planning and Furnishing	4	4
330 Child Care and Development	2	2
340 Quantity Cookery		3
351 Applied Design	2	2
403 Costume Design	2	
410 Advanced Textiles		3
Electives		3
	35	39

Language:	BA Degree	12 Sem. Hrs.
	BS Degree	6 Sem. Hrs.

MINOR 24 Sem. Hrs.

Required Courses

101, 103, 201, 210, 303, 315, 320, 330, 351. (The titles for these courses are given in the preceding description of "MAJOR.")

Recommended for B.S. Degree: Bot. 324, Zool. 310, Chem. 101, 102, 201, 301.

INDUSTRIAL ARTS

MAJOR 41 Sem. Hrs.

The requirements for a major for the Bachelor of Science degree in Industrial Arts are the same as those for a First Teaching Field in Industrial Arts as set forth in the Bachelor of Arts in Education degree. These requirements are described on page 41.

MINOR 24 Sem. Hrs.

Required Courses

101, 110, (or 422), 130, 134, 140, 202, 242, 322, 325; plus six (6) additional hours from (2) subject areas, arranged in technical sequences.

Students pursuing a major or minor field in industrial arts will be required to complete a minimum of six semester hours in mathematics, three hours of which shall be in mathematics 110. The remaining three semester hours may be selected from any other courses regularly scheduled by the Mathematics Department.

Students transferring from the Engineering curriculum to Industrial Arts may receive credit for the following Engineering courses:

112, 113, 115, 131, 209, 212.

JOURNALISM

MAJOR—(not offered)

MINOR 24 Sem. Hrs.

Required courses in Journalism 12

240 Reporting	3
270 Communications in Society	2
271 The Newspaper and Society	3
312 Publication Problems	2
340 Journalism Practice	2

Required courses in other fields		12
English 302 Narrative and Descriptive Writing **or**	2	
English 413 Expository Writing	2	
Speech 330 Fundamentals of Radio Speech **or**	2	
Speech 334 Radio Production	2	
Business 320 Advertising	3	
Pol. Sci. 302 American Government	3	
Phy. Sci. 302 Photography	2	

MATHEMATICS

MAJOR*		33 Sem. Hrs.
Required Courses		24
221 College Algebra	3	
231 Plane Trigonometry	3	
251 Analytical Geometry	4	
321 Differential Calculus	4	
331 Integral Calculus	4	
391 Introduction to Analysis	3	
401 Differential Equations	3	
Electives: 341, 361, 372, 381, 411, 451		9
Language: French or German		12

MINOR IN MATHEMATICS	24 Sem. Hrs.

Required Courses: 221, 231, 251, 321, 331, 391, 401

*Two units of high school algebra, one unit of plane geometry, and one-half unit solid geometry are required of students taking a major in mathematics. Students who present but one unit of algebra and one unit of plane geometry must complete Math 111 and 121 in addition to the above requirements.

MUSIC

MAJOR

Required Courses		40 Sem. Hrs.
Theory		12
109-110 Theory	8	
209 Theory	4	
Applied Music		10
107-408 Piano	4	
141-442 Voice	2	
*275-492 Orchestral Instruments	4	
Appreciation		6
301 Appreciation	3	
313 History	3	
Conducting		4
345 Choral Conducting	2	
346 Instrumental Conducting	2	
Participation		8
165-466 Men's Chorus		
169-470 Band		
171-472 Women's Chorus		
173-474 College Choir		

MINOR 26 Sem. Hrs.

Theory: 109, 110	8
Appreciation: 301	3
Applied Music	8
107-408 (Min. 3)	
141-442 (Min. 1)	
274-492 (Min. 3)	
Conducting: 345, 346	4
Participation (See Courses Above)	3

*Advanced work on organ or a special orchestral instrument may be done to satisfy the 4 hours required in this group.

PHILOSOPHY AND PSYCHOLOGY

MAJOR 25 Sem. Hrs.

Required Courses (Option in Philosophy)

200 Introduction to Philosophy	3
300 Logic	3
325 Ethics	3
350 Comparative Religion	2
375 History of Christian Thought	2
400 Philosophy of Religion	3
425 History of Ancient and Medieval Philosophy	3
475 History of Modern Philosophy	3
Psy. 360 Behavior Socialization	3

Required Courses (Option in Psychology):

103 General Psychology	3
300 Principles of Behavior	3
320 Genetic Psychology	3
340 Discrimination and Motivation	3
360 Behavior Socialization	3
401 Tests and Measurements	3
430 Methods of Research in Psychology	3
450 Systematic Psychology	3
Phil. 300 Logic	3

PHYSICAL EDUCATION

The requirements for the Bachelor of Science degree in Physical Education under the requirements for the Bachelor of Arts in Education degree. See page 44.

PHYSICS

MAJOR 30 Sem. Hrs.

Required Courses in Physics

210, 211	General College Physics	10
201	Demonstration in Physics	2-3
310	Electricity and Electronics	4
320, 321	Mechanics	6
340	Special Problems	2-3
420, 421	Introduction to Atomic Physics	6

Required Courses in Mathematics 22

221 College Algebra	3
231 Plane Trigonometry	3
251 Analytic Geometry	4
321 Differential Calculus	4
331 Integral Calculus	4
381 Statics	3
401 Differential Equations	3

MINOR 22-25

Required Courses

Physics 101, 103 or 210, 211; 201, 310, 320, 321, 340, or 420, 421
Mathematics: 221, 231, 251

POLITICAL SCIENCE

MAJOR (A) 31 Sem. Hrs.

Basic Courses:		15
101 Fundamentals of Political Science	3	
103 American National Government	3	
203 Comparative Government	3	
307 History of Political Thought	3	
462 Introduction to Methods of Research and Bibliography	3	
The student would normally complete the major requirement according to the following recommendations		16
303 Political Parties and Public Opinion or 304 American Constitutional Government	3	
305 American Diplomacy or 406 International Problems	3	
206 American State and Local Government	2	
207 American Municipal Government	2	
304 American Constitutional Government	3	
407 Legislative Process	2	
408 Judiciary	2	
409 Administrative Process	2	

With the consent of the department, the following may be offered in substitution:

301 Special Studies in Political Science	Arr.
309 Growth and Development of Law	2
310 English Constitutional Law	2
308 Medieval Political Thought and Institutions	3
Geography 305 World Political Geography	3

MINOR 19 Sem. Hrs.

101; 103; 203; 307; 309; 407; 408; or 409; 305 or 406.

MAJOR (B)

This course of study is designed to care for those students wishing to complete three years of academic work at Fairmont State College and then enter law school. If the general requirements for graduation are met in this period, the final group of hours required to make a total of 128 may be taken in a recognized law school.

19 Sem. Hrs.

101 Fundamentals of Political Science	3
103 American National Government	3
203 Comparative Government	3
304 American Constitutional Government	3
307 History of Political Thought	3
309 Growth and Development of Law	2
310 English Constitutional Law	2

*For an outline of pre-law courses covering the first three years in this college, and including the above major courses, see page 46.

RECREATION*

MAJOR 30 Sem. Hrs.

Health			4
241	First Aid & Safety Ed.	2	
308	School Health Problems	2	
Theory (Recreation)			12
*241	Intro. to Recreation	2	
*341	Workshop & Recreation Institutes	2	
344	Recreational Leadership	1	
345	Practice Leadership	2	
346	Theory of Recreation	2	
*347	Leisure in the Modern World	2	
442	Camping & Youth Organizations	2	
443	Community & Industrial Recreation	3	
445	Org. & Adm. of Rec. & Playgrounds	3	
Sports in Recreation Physical Education			8
*115 & 116	Freshmen Orientation	2	
*131 or 231	Beg. or Inter. Swimming	1	
*214	Leadership in Graded Games	2	
*237	Fundamentals of Tennis	1	
*271	Team Sports	2	
*272	Individual and Dual Activities	2	
317	Stunts and Tumbling	1	
*331	Swimming Techniques and Life Saving	2	
Recreation			
324	Archery & Badminton	1	
336	Co-recreational Activities	2	
339	Bowling	1	
Rhythms and Creative Arts			6
*P. E. 325	Folk Dancing	1	
*P. E. 425	Children's Rhythms	1	
*Rec. 126	Rhythmic Activities	1	
*Rec. 325	Square Dancing	1	
*I. A. 314	Plastics & Crafts, I	2	
*I. A. 414	Plastics & Crafts, II	2	
*Speech 331	Children's Theatre	1	

*Courses marked with asterisk are electives.

SECRETARIAL STUDIES

MAJOR

Required Courses			29 Sem. Hrs.
101, 102	Beginning and Advanced Typewriting	4	
211	Vocational Typewriting	2	
201, 202	Beginning Shorthand	8	
251	Business Correspondence	2	
301, 302	Advanced Shorthand and Transcription	8	
311	Office Machines and Filing	2	
351	Secretarial Office Practice	3	

MINOR

Required Courses 18 Sem. Hrs.

101, 102	Beginning and Advanced Typewriting	4
201, 202	Beginning Shorthand	8
301	Advanced Shorthand	4
311	Office Machines and Filing	2

SOCIOLOGY

MAJOR 24 Sem. Hrs.

Required Courses 12

Social Science

201, 202	Fundamental Social Problems	6

(Sociology 220 may be substituted for Social Science 201)

Sociology

301	Anthropology	3
403	Social Psychology	3

Electives 12

Courses to be selected from the offerings listed for Sociology. Adviser's approval required.

MINOR

Required Courses 9

Same as for major in Sociology, except that the student may choose between Soc. 301 and 403.

Electives 9

Same as for major in Sociology, except that only 9 hours are required.

SPANISH

MAJOR 24 Sem. Hrs.

Required Courses 12

101, 102	Elementary Spanish or equivalent	6
201, 202	Modern Spanish	6

Electives 12

301	Nineteenth Cent. Literature I	3
302	Nineteenth Cent. Literature II	3
327	Adv. Composition and Conversation	3
340	Spanish American Literature	3
421	Literature of the Golden Age I	3
422	Literature of the Golden Age II	3
430	Spanish Civilization and Culture	3

*MINOR 18 Sem. Hrs.

Required Courses 12

101, 102, 201, 202

Electives 6

To be selected from electives for major.

*Two semester hours may be deducted for each high school unit with a maximum of 6 hours.

SPEECH AND DRAMATICS

MAJOR

The requirements for the Bachelor of Arts degree with major in speech are the same as those described for Speech under the requirements for the Bachelor of Arts in Education degree. See page 47.

MINOR IN SPEECH AND DRAMATICS 21 Sem. Hrs.

Required Courses: 101, 105, 151, 243, 245, 330, 336, 337, 421, 430.

Electives: Any three hours in Speech and Dramatics.

ZOOLOGY

(See Biology)

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE IN EDUCATION

The Education of Teachers at Fairmont State College is conceived to be the cooperative functions of the several subject matter areas and the department of professional education. The prevailing philosophy of the faculty is that adequate preparation for teaching requires rich and comprehensive experiences in the area of general education, a reasonable degree of concentration in two of the subject matter fields, and the development of certain attitudes, skills, and understandings which characterize effective teaching. The State Board of Education has adopted a program of general and professional education which is required of all students preparing for teaching.

COURSES OF INSTRUCTION

Fairmont State College offers three curricula leading to the degree of Bachelor of Arts in Education. Students completing Curriculum A will be entitled to a First Class High School Certificate; students completing Curriculum B, to a First Class Elementary Certificate; and students completing Curriculum C, to the Public School Certificate. Fairmont State College also offers all courses required for the issuance of certificates of lower grade than the first class level names above. Furthermore, courses of study leading to non-academic certificates in art and music are available.

Prospective students, who began their academic work some time ago, and who are now seeking to qualify for a second or third class, or some other certificate, are urged to confer with the registrar and the chairman of the department of education to determine the most convenient way to attain the certification they desire. The detailed outline of the several curricular requirements to be found in following sections is concerned primarily with the needs of students whose academic program began in September of 1949, or later. Students who began their college careers before this date are advised to make a thorough check of requirements with the registrar and the chairman of the department of education.

It is the responsibility of candidates for a degree to know and to meet the general requirements of the College and the specific requirements of his chosen curriculum. It is the student's responsibility also to keep informed on his grade-point standing. All of this information may be obtained from the student's adviser or from the Registrar's office.

STUDENT TEACHING

Student teaching is required in all curricula. At the present time, elementary school training is provided at the Jayenne and the White elementary schools. Secondary training is given in connection with local Marion County junior and senior high schools. All student teaching is under the joint direction of Fairmont State College and the Board of Education of the county in which the teaching is done.

Eligibility for student teaching is determined by the ability of the student to meet the following requirements:

1. Minimum earned credits in academic and professional courses as follows:
    a. For enrollment in Ed. 250, 32 semester hours including 8 hours in education courses.

    b. For enrollment in Ed. 420, 425, 450, 90 semester hours including 8 hours in education courses, and three-fourths of the required work in each teaching field.

2. An average of not less than C.
    - a. On all credits to be counted toward graduation.
    - b. On all credits in areas of concentration or teaching fields.
    - c. On all credits earned in the department of education.
3. A statement from the college health department showing that the student has been given a physical examination and found to be physically fit for assignment to directed teaching.
4. An application from the student's supervisor showing the semester hours of credit together with the quality point average. This form must be countersigned by the Registrar and the Chairman of the Department of Education.

All students seeking degrees under Curricula A, B, and C will be required to complete a total of six hours in student teaching.

THE BLOCK SYSTEM

Fairmont State College has adopted the block system for scheduling directed teaching. The significant features of this plan are: (1) a semester is reserved for the student in which he or she will schedule a block of professional subjects, including methods and directed teaching; (2) a nine-weeks section of that semester will be used exclusively for directed teaching; (3) during this nine-weeks period, the daily assignment for student teaching will comprise all hours the school is in session; (4) in addition to classroom assignments, student teachers will participate in the extra-curricular activities of the school and community.

One semester of the senior year will be used for scheduling a block of approximately 15 semester hours of professional courses. To schedule the "block" a student must have met the requirements for directed teaching as described in the several preceding paragraphs. Students and advisers should understand that the block system requires exact planning during the early years of the college career as well as in the senior year. All general requirements of the college as well as the minimum requirements of the teaching fields will have to be completed before the "block" can be scheduled.

SUMMARY OF REQUIREMENTS

Briefly stated, the requirements for the Bachelor of Arts in Education degree are: The candidate must earn a minimum of 128 hours credit in approved subjects with a quality point average of 2.0, or better, for all courses attempted, for all professional courses, and for all courses in his teaching fields. He must also meet the general and specific requirements set up for the curriculum and teaching fields he elects.

OUTLINE OF GENERAL REQUIREMENTS FOR THE BACHELOR OF ARTS IN EDUCATION DEGREE

Subject—Cat. No.		Hours Required by Curricula Cur. A	Cur. B	Cur. C	Special Nonacademic
ART	155	0	2	2	0
	156	0	2	2	0
	255	2	2	2	2
ENGLISH*					
Written and Spoken:	102A or 102B	3	3	3	3
	104	3	3	3	3
	208	3	3	3	3
Literature:	202	3	3	3	3
	204	3	3	3	3
	207	0	3	3	0
GEOGRAPHY	210 or 305	0	3	3	0
HEALTH	102**	2	2	2	2
	308	0	2	2	0
HISTORY	111, 112	6	6	6	6
	207 or 208	3	3	3	3
	302	0	3	3	0
MATHEMATICS	310	0	2	2	0
MUSIC	101	0	3	3	0
	102	0	3	3	0
	205	2	2	2	2
PHYSICAL EDUCATION	101, 111 (W)	2	2	2	2
	115, 116 (M)	2	2	2	2
	214	0	2	2	0
Additional Courses		0	0	2	0
SCIENCE					
Biology	101, 102	6 or	6	6	6 or
Physical Science	201, 202***	6	6	6	6
SOCIAL SCIENCE	201, 202	6	6	6	6

*Eng. 102C is required in addition to 102A or B for those students who fail to obtain a satisfactory score on the English placement test.

**Not required of those students who complete 6 hours credit in biology.

***Physical Science 201 and 202 are alternates for biology only in curricula A and Special Nonacademic. Credit is not allowed for General Physical Science if credit is earned in college physics and chemistry.

OUTLINE OF THE PROFESSIONAL REQUIREMENTS FOR THE BACHELOR OF ARTS IN EDUCATION DEGREE

Cat. No.	Subject Title	Hours Required by Curricula *Cur. A	Cur. B	**Cur. C	Special Non-Academic
Education					
100	Introduction to Ed.	2	2	2	2
202, 203	Human Growth & Devel.	6	6	6	6
325	Human Adjustment	3	3	3	3
226	Primary Methods	0	3	3	
336	Intermediate El. Methods	0	3	3	3
432	Prin. & Meth. Teach. in H. S.	4	0	4	4
250	Observ. & Directed Teach.	0	0-3	0-3	0
420	Observ. & Directed Teach.	0	3-6	0	0
425	Observ. & Directed Teach.	0	0	3-6	6
450	Observ. & Directed Teach.	6	0	0	0
431 or	Techniques of Diag. Reading	2	0	0	0
306	Tests and Measurements	2	0	0	0
	Total	23	23	27	24

*Students in Curriculum A must complete their directed teaching work on the junior or senior high school level in the fields selected for concentration, with not less than two hours in any one field, but preferably a 3-3 ratio. Students in Curriculum B must include directed teaching in the primary and intermediate or primary and upper grade levels.

**Students in Curriculum C must complete work in directed teaching on two elementary levels and on the secondary level in both fields, if two are offered for graduation.

CURRICULUM A

1. Curriculum A is planned for the students who wish to prepare for teaching in the junior and senior high schools of West Virginia. This curriculum includes the following:

General education courses	43-45 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Teaching field or fields	60-62 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education courses total 43-45 semester hours and include the following:

Art	2	History 207 or 208	3
Biology 101, 102 or		Music 205	2
Phys. Sci. 201, 202	6	Physical Education	2
English		101, 102 (W)	
102 (A or B), 104, 208	9	111, 116 (M)	
*202, 204	6	Health 102**	2
History 111, 112	8	Social Science 201, 202	6

*Students who will use English as a teaching field should schedule Eng. 351, 352 instead of 202, and Eng. 361, 362 instead of 204.

**Not required of students who complete 6 hours of credit in Biology.

3. Professional courses include 23 semester hours as a minimum. These courses are:

Education

100 Introduction to Education	2	341 Diagnostic Reading*	2
202, 203 Human Growth & Develop.	6	432 Prin. & Meth. Sec. Schools	4
306 Tests and Measurements*	2	450 Directed Teaching Sec. Sch.	6
325 Human Adjustment	3		

*One of these courses is to be elected to make the required 23 hours.

4. Students must complete all requirements in at least one teaching field, and it is strongly recommended, when at all possible, that a second field also be completed. Teaching fields are now available as follows:

Art
Biological Science
Biological and General Science
Commerce—Business Principles
Commerce—Occupational
English
French
Home Economics
Industrial Arts
Mathematics
Music
Physical Education
Physical Science
Physical and General Science
Social Science
Spanish
Speech

CURRICULUM B

1. Curriculum B has been organized for those students who wish to prepare for teaching in the elementary schools of West Virginia. This curriculum contains the following:

General education and other required courses	73 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Specialized courses and electives	32 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education and other courses required in this curriculum total 73 semester hours and include the following:

Art 155, 156, 255	6	Mathematics 310	2
Biology 101, 102	6	Music 101, 102, 205	8
English		Physical Education	2
(Wr. & Spkn.) 102-A or B		101, 111 (W)	
104, 208	9	115, 116 (M)	
(Literature) 202, 204, 207	9	Leadership and Gr. Games 214	2
Geography 210 or 305	3	Physical Science 201, 202	6
Health 308	2	Social Science 201, 202	6
History 111, 112	6		
207 or 208	3	Total	73
302	3		

3. Professional courses include a minimum of 23 semester hours. These courses are:

Education

100 Introduction to Education	2	325 Human Adjustment	3
202, 203 Human Growth & Develop.	6	336 Intermed., & Upper Gr. Meth.	3
226 Primary Methods	3	250 and/or 420 Directed Teaching	6

CURRICULUM C

1. Curriculum C is planned for those students who wish to qualify for teaching both in the elementary and high schools. This curriculum has the following requirements:

General education and other required courses	75 Sem. Hrs.
Professional courses	27 Sem. Hrs.
Specialized courses and electives	26 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education and other courses required in this curriculum total 75 semester hours, and include the following:

Art 155, 156, 255	6
Biology 101, 102	6
English	
102 (A or B), 104, 208	9
202, 204, 207	9
Geography 210 or 305	3
Health 308	2
History 111, 112	6
207 or 208	3
302	3
Mathematics 310	2
Music 101, 102, 205	8
Physical Education	2
101, 111 (W)	
115, 116 (M)	
214	2
Additional Courses	2
Physical Science 201, 202	6
Social Science 201, 202	6

3. Professional courses include 23 semester hours as a minimum; 27 hours, as the maximum acceptable.

Education

100 Introduction to Education	2
202, 203 Human Growth & Develop.	6
226 Primary Methods	3
325 Human Adjustment	3
336 Intermediate & Upper Gr. Meth.	3
432 Prin. & Meth. Sec. Sch.	4
250 and/or 425 Directed Teaching	6

4. Specialization is required in two teaching fields, except for home economics, industrial arts, or commerce. In a number of fields, specialization may be obtained readily by adding courses to the minimum required in (2) above.

SPECIAL NONACADEMIC CURRICULA

1. The departments of Art and Music maintain Special Non-academic Curricula in addition to the regular college curricula. The Special Nonacademic Curriculum is designed specifically to prepare teachers for work in grades 1 through 12. Consequently, students in this curriculum will necessarily include methods of teaching and directed teaching in all grades in their programs of study. The curriculum includes the following:

General education courses	42-44 Sem. Hrs.
Professional courses	24 Sem. Hrs.
Teaching fields and electives	60-62 Sem. Hrs.

2. General education courses include the following:

Art	2
Biology 101, 102 or	
Phys. Science 201, 202	6
English	
102 (A or B), 104, 208	9
202, 204	6
History 111, 112	6
207 or 208	3
Music 205	2
Physical Ed.	2
101, 111 (W)	
115, 116 (M)	
Health 102*	2
Social Science	6

*Not required of students who complete 6 hours credit in biology.

3. Professional Courses include:

Education

100 Introduction to Education	2
202, 203 Human Growth & Develop.	6
226 Primary Methods	3
336 Intermediate & Upper Gr. Meth.	3
432 Prin. & Meth. Sec. Schools	4
425 Directed Teaching	6

4. Specific subject matter requirements are described under Art and Music in the list "Specific Requirements for all Teaching Fields."

SPECIFIC REQUIREMENTS FOR ALL TEACHING FIELDS

ART			40 Sem. Hrs.
Special Non-Academic			
Required Courses			
Freehand Drawing		4	
142 Drawing	2		
241 Drawing from Life	2		
242 Drawing & Painting from Life	3		
Design		5	
141 Art Structure	2		
291 Commercial Design	3		
292 Commercial Design	3		
392 Textile Design	3		
491 Interior Design	3		
Painting and Modeling		6	
283, 284 Modeling and Sculpture	4		
361, 362 Painting in Oil	6		
363, 364 Painting in Watercolor	6		
365 Painting in Gouache	3		
383, 384 Ceramics	4-6		
History and Appreciation		8	
255 History and Appreciation of Art	2		
278 Ancient and Medieval Art	3		
377 Italian & North. Ren. Art	3		
378 Nineteenth Cen. & Cont. Art.	3		
477 Seminar in Art History	2		
Art Education		6	
155 Creative Exp. in Fine Arts	2		
156 Creative Exp. in App. Arts	2		
355 Mtls. and Tech. for H. S.	2		
356 Crafts for H. S. Teachers	2		
Suggestive Electives (See list below)		11	
Indus. Arts 314, 414			
Plastics and Crafts			
Sculpture			
Adv. History and Appreciation			
Advanced Painting			
Jewelry			

First Class High School Certificate — 24 Sem. Hrs.

The courses for the First Class High School certificate are to be selected from the list for Special Non-Academic Certificate with the following distribution:

Drawing and Painting	5
Design	5
Modeling or Ceramics	3
History and Appreciation	5
Applied Problems for High School Teachers in Art	2
Electives	4

BIOLOGICAL SCIENCE			
First Teaching Field			24
Required Courses		6	
Biology			
101, 102 Introduction to Biology	6		
Electives (Minimum of 6 hours each in botany and zoology.)		18	

Biology

380 Introduction to Genetics	3
480 Principles of Evolution	2

Botany

201 General Botany	4
310 Plant Physiology	4
324 Bacteriology	4
330 Field Botany*	4
340 The Plant Kingdom	4
341 The Plant Kingdom	4
342 Plant Ecology	2
371 Plant Anatomy	4

Zoology

315 Field Zoology*	3
320 Invertebrate Zoology	4
321 Vertebrate Zoology	4
322 Ornithology	2
350 Comparative Anatomy of the Vertebrates	4
410 Histological Technique	1-4
411 Histology	2-3
420 Vertebrate Embryology	4
450 Human Physiology	4

Related Required Courses 8

Chemistry

101, 102 General Chemistry	8

Second Teaching Field

Requirements same as for the First Teaching Field

*These courses are strongly recommended. Students who find it possible to attend summer school should include them in their program.

BIOLOGICAL AND GENERAL SCIENCE 43 Sem. Hrs.

First Teaching Field

Required Courses

Biology	
101, 102 Introduction to Biology	6
Chemistry	
101, 102 General Chemistry	8
Physics	
101, 103 Introduction to Physics	8

Electives

Biological Science	10-25
A minimum of 10 hours with at least 4 hours each in botany and zoology.	
Physical Science	2-11
Geology	0-3

Second Teaching Field

Requirements same as for the First Teaching Field.

COMMERCE—BUSINESS PRINCIPLES* 28 Sem. Hrs.

First Teaching Field

Required Courses

Bus.	141	Business Mathematics	3
Bus.	201, 202	Prin. of Accounting	6

Bus.	306	Business Law	3
Bus.	304	Marketing	3
Econ.	201, 202	Econ. Prin. & Probs.	6
Econ.	303	Money, Credit and Banking	3
Sec. St.	101, 102	Typewriting	4

Second Teaching Field
Requirements same as for the First Teaching Field:

*For preparation in this field students are advised to complete Sec. Studies 251.

COMMERCE-OCCUPATIONAL

See Secretarial Studies.

ENGLISH 33 Hrs.

First Teaching Field

Required Courses

102, 104	First Yr. Written & Spoken	6
208	Adv. Written & Spoken Eng.	3
321	Study of the English Language	3
351, 352	Survey of English Literature	6
361, 362	Survey of American Literature	6

Electives:

Group I 207, 311, 312, 313, 314, 318, 341, 342, 418	3-4
Group II 302, 315, 316, 317, 322, 324, 325, 328, 329, 330, 331, 413	3-4

Related Required Subjects Library Science or Journalism	2-3

Second Teaching Field

Requirements same as for the First Teaching Field.

FRENCH* 24 Sem. Hrs.

First Teaching Field

Required Courses			12
101, 102	Elementary French or equivalent	6	
201, 202	Second Year French	6	
Electives			12
301	Literature of the 17th Cent.	3	
302	Literature of the 18th Cent.	3	
309	Adv. Grammar and Comp.	2-3	
421	Literature of 19th Cent.	3	
422	Literature of 19th Cent.	3	
431	French Civilization and Culture	3	
Related Required Courses			12
Spanish		12	

Second Teaching Field 24 Sem. Hrs.
The requirement for the second teaching field is the same as for the first teaching field, 24 semester hours, except for the second language requirement.

*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

HOME ECONOMICS			35 Sem. Hrs.
First Teaching Field			
Required Courses			
101 Elementary Clothing	2		
102 Clothing Selection and Const.	3		
103 Principles of Clothing Selection	2		
201 Elementary Foods	3		
202 Advanced Foods	3		
210 Textiles	3		
303 Nutrition	3		
315 Home Management	3		
320 Home Planning and Furnishing	4		
330 Child Care and Development	2		
340 Quantity Cookery	3		
351 Applied Design	2		
406 Techniques	2		
Second Teaching Field			24 Sem. Hrs.
Required Courses			
101 Elementary Clothing	2		
103 Principles of Clothing Selection	2		
201 Elementary Foods	3		
210 Textiles	3		
303 Nutrition	3		
315 Home Management	3		
320 Home Planning and Furnishing	4		
330 Child Care and Development	2		
351 Applied Design	2		
INDUSTRIAL ARTS			41 Sem. Hrs.
First Teaching Field**			
Required Courses		21	
101 General Bench Woodworking	2		
110 General Shop or 422 General Shop	2		
130 Elementary Electricity	2		
134 Machine Shop	2		
140 Mechanical Drawing	2		
202 Machine Woodworking	2		
242 Architectural Drawing	2		
322 General Shop	2		
325 Organization and Administration of Industrial Arts	2		
335 Philosophy of Industrial Arts	3		
Electives: Select ten in at least two course areas			20 Sem. Hrs.
120 Materials of Industrial Arts	2		
209 Machine Drawing	2		
214 Plastics and Crafts	2		
220 Sheet Metal	2		
230 Electricity	2		
234 Machine Shop	2		
300 Blueprint Reading	2		
303 Furniture Construction and Design	2		
304 Cabinet Making	2		
308 Wood Finishing	2		
311 Crafts for the Elementary Teacher	2		
314 Plastics and Crafts	2		
320 Sheet Metal	2		
334 Machine Shop	2		
340 Mechanical Drawing	2		
342 Architectural Drawing	2		
345 Acetylene Welding	2		
346 Arc Welding	2		
350 Machine Drawing	2		

360 Shop Planning	2	
388 Cabinet Making	2	
404 Building Construction	4	
404A Building Construction	2	
405 Building Construction	4	
405A Building Construction	2	
408 Cabinet Making	2	
415 Driver Education	2	
420 Sheet Metal	2	
422 General Shop	2	
434 Machine Shop	2	
442 Architectural Drawing	2	
450 Machine Drawing	2	
462 Architectural Drawing	2	
474 Industrial Maintenance	2-3	
475 Mill Wrighting	2-3	
490 Methods and Materials of Teaching I. A.	2	
Second Teaching Field**		24 Sem. Hrs.
Required Areas		
Drawing	4	
General Shop	3	
Organization of Industrial Arts	2	
Shop	15*	

*To be taken in three or more shop areas with a minimum of 6 semester hours in one and not less than 3 semester hours in each additional area, such as: Art Metal, Automotives, Ceramics, Design, Electricity, Foundry, General Metal, Leather Craft, Machine Shop, Photography, Plastics, Printing, Radio, Sheet Metal, Woodwork, and Welding.

**See page 25 for mathematics requirement.

LIBRARY SCIENCE

15 Sem. Hrs.

Fairmont State College is offering sufficient courses in Library Science to enable prospective "teacher-librarians" to meet the North Central Association of Colleges and Secondary Schools requirements for high schools enrolling up to 500 students. Some of the courses scheduled will be offered only in alternate years. West Virginia does not certify librarians at this time.

Library Science Courses	
302 School Library Administration	3
303 Cataloging and Classification	3
305 Selection and use of Secondary School Library Materials	3
306 Reference and Bibliography	3
404 Practice Work	3

MATHEMATICS*

21 Sem. Hrs.

First Teaching Field		
Required Courses		18
221 College Algebra	3	
231 Plane Trigonometry	3	
251 Analytic Geometry	4	
321 Differential Calculus	4	
331 Integral Calculus	4	
Electives	3	
341, 361, 372, 381, 391, 401, 411, 451		
Second Teaching Field		
Same as for the First Teaching Field		21 Sem. Hrs.

*Two units of high school algebra, one unit of plane geometry, and one-half unit of solid geometry are required of students preparing for certification in mathematics. Students who present but one unit in algebra will be required to complete Math. 111; those who do not have credit in solid geometry will be required to complete it before enrolling in Math. 321.

MUSIC

58 Sem. Hrs.

Special Nonacademic Certificate

Theory			16
109-110		8	
209-210		8	
Applied Music			15
107-208	Piano*	4	
141-242	Voice	3	
211	Begin. String Class	1	
213	Begin. Brass Class	1	
215	Begin. Woodwind Class	1	
	Specialization**	8	
Musicology			12
113-114	Music Literature	6	
313-314	Music History	6	
Conducting			4
345	Choral Conducting	2	
346	Instrumental Conducting	2	
Participation			6
165-466	Men's Chorus		
169-470	Band		
171-472	Women's Chorus		
173-474	College Choir		
Music Education			5
102	Music Mtls. and Proced.	3	
431	Music Ed. for Sec. Schools	2	

First Class High School Certificate

First Teaching Field***		40 Sem. Hrs.
Theory	12	
Applied Music	10	
Musicology	9	
Conducting	4	
Participation	3	
Music Education	2	
Second Teaching Field		24
Theory	6	
Applied Music, including voice, piano, and orchestral instruments	9	
Musicology 113, 114, 213, 313, or 314	3	
Conducting	4	
Electives in Music	3	

*Piano is required of all students. At the completion of the required number of hours, the student must pass a proficiency examination. If the student fails the examination, he (she) must pursue the subject, without credit, until a satisfactory degree of proficiency has been attained.

**All students will select a field of specialization in applied music to be selected from keyboard instruments, voice, or orchestral instruments. Three hours of applied music requirements may be used toward the 8 hours of specialization.

***Courses are to be selected from pertinent categories listed for the Special Nonacademic Certificate

PHYSICAL EDUCATION (Men) 30 Sem. Hrs.

First Teaching Field

Required Courses				20
Physical Education			13	
115, 116	Freshman Orientation	2		
271	Team Sports	2		
272	Individual and Dual Activities	2		
313	Human Anatomy, Physiology, and Kinesiology	4		
461	Organization and Administration of P. E.	3		
Health			7	
102	Personal Health	2		
308	School Health Problems	2		
404	Physical Inspection	1		
241	First Aid and Safety Education	2		
Electives				10
Physical Education: Team Sports			5	
201	The Theory and Practice of Fund. Football	1		
202	The Theory and Practice in Fund. Bsktball	1		
203	The Theory and Practice in Fund. Baseball	1		
204	The Theory and Practice in Fund. Track	1		
210	The Theory and Practice in Fund. Soccer	1		
320	Theory of Coaching Football	2		
321	Theory of Coaching Basketball	2		
322	Theory of Coaching Track	2		
323	Theory of Coaching Baseball	2		
329	Officiating, Football and Basketball	2		
Physical Education: Recreational Activities			2	
131	Beginner's Swimming	1		
205	Theory and Practice in Fund. of Golf	1		
206	Theory and Practice in Fund. of Tennis	1		
207	Theory and Practice in Fund. of Wrestling	1		
208	Theory and Practice in Fund. of Swimming	1		
209	Theory and Practice in Fund. of Crosscountry	1		
231	Intermediate Swimming	1		
237	Beginner's Tennis	1		
317	Stunts and Tumbling	1		
324	Archery and Badminton	1		
330	Advanced Swimming	2		
331	Swimming Techniques and Life Saving	2		
337	Advanced Tennis	1		
344	Recreational Leadership	1-3		
365	Activities, Assisting	1		
339	Theory and Practice in Fund. of Bowling	1		
Recreation: School and Community			2	
336	Co-Recreational Activities	2		
442	Camping and Youth Organizations	2		
443	Community and Industrial Organizations	2		
Recreation: Rhythmic Activities			1	
126	Social Dancing	1		
325	Square Dancing	1		
Physical Education				
325	Folk Dancing	1		

Second Teaching Field

Requirements same as for the First Teaching Field

PHYSICAL EDUCATION (Women) 30 Sem. Hrs.

First Teaching Field			
Required Courses			21
Physical Education		13	
101 Freshman Orientation	1		
111 Freshman Orientation	1		
117 Hockey and Soccer	1		
119 Lacrosse and Softball	1		
226 Modern Dance	1		
313 Human Anatomy, Physiology, and Kinesiology	4		
325 Folk Dance	1		
461 Organization and Administration	3		
Health		5	
102 Personal Health	2		
308 School Health Problems	2		
404 Physical Inspection	1		
Recreation		3	
325 Square Dance	1		
336 Co-Recreational Activities	2		
Electives			9
Team Sports		4	
Physical Education			
316 Coaching & Officiating Hockey and Soccer	2		
319 Coaching & Officiating Softball and Lacrosse	2		
327 Coaching & Officiating Volley & Basketball	2		
Recreation Activities			
Physical Education		5	
131 Beginning Swimming	1		
231 Intermediate Swimming	1		
237 Beginning Tennis	1		
317 Stunts and Tumbling	1		
330 Advanced Swimming	2		
331 Life Saving and Water Safety	2		
417 Advanced Stunts and Tumbling	1		
Recreation			
324 Archery and Badminton	1		
339 Bowling	1		

Second Teaching Field

Requirements same as for the First Teaching Field

PHYSICAL SCIENCE 36 Sem. Hrs.

First Teaching Field		
Required Courses		8
Chemistry		
101, 102 General Chemistry	8	
Physics		15
101, 103 Introduction to Physics	8	
201 Demonstrations in Physics	3	
310 Electricity and Electronics	4	
Electives: At least 8 hours must be in Chemistry		13
Chemistry		
201 Qualitative Analysis	4	
240, 241 Quantitative Analysis	4-8	
301, 303 Organic Chemistry	8	

Physics			5	
320, 321	Mechanics	6		
340	Special Problems	2-3		
420, 421	Introduction to Atomic Physics	6		
Second Teaching Field				24 Sem. Hrs.
Required Areas				
Chemistry		12-16		
Physics		8-12		
Elective				
Geology		3		

PHYSICAL AND GENERAL SCIENCE 44 Sem. Hrs.

First Teaching Field				44
Required Courses				
Chemistry			8	
101, 102	General Chemistry	8		
Physics			15	
101, 103	Introduction to Physics	8		
201	Demonstrations in Physics	3		
310	Electricity and Electronics	4		
Biology			9	
101, 102	General Biology	6		
380	Introduction	3		
Electives: A minimum of four hours must be in chemistry			12	
Chemistry		4-8		
Physics		0-4		
Biology		0-4		

Second Teaching Field

Requirements same as for First Teaching Field

SECRETARIAL STUDIES 24 Sem. Hrs.

First Teaching Field

Required Courses			21
Bus. 201, 202	Principles of Accounting	6	
Sec. St. 101, 102	Begin. & Adv. Typewriting	4	
Sec. St. 201, 202	Beginning Shorthand	8	
Sec. St. 351	Secretarial Office Practice	3	
Electives from the following courses			3
Bus. 205	Salesmanship	3	
Bus. 306	Business Law	3	
Bus. 320	Advertising	3	

Second Teaching Field

Requirements same as for First Teaching Field

SOCIAL SCIENCE 39 Sem. Hrs.

First Teaching Field

Required Courses		
History		
111, 112	Development of Social Institutions	6
207, 208	Survey of United States History	6

221, 222	Modern Europe or	
240	History of Europe Since 1870	3
302	History of West Virginia	3
Social Science		
201, 202	Fundamental Social Problems	6
Economics		
305	Economic Principles	3
Geography		
210	World Regional **or**	
305	World Political Geography	3
Political Science		
103	American Government	3
Sociology		
301, 310, 320, 440, 450	(Choose one)	3
Electives:	From History, Economics, Geography, Political Science, Sociology	3

Second Teaching Field

Requirements same as for First Teaching Field

SPANISH* 24 Sem. Hrs.

First Teaching Field

Required Courses			12
101, 102	Elementary Spanish or equivalent	6	
201, 202	Modern Spanish	6	
Electives			12
301	Nineteen Cent. Literature I	3	
302	Nineteen Cent. Literature II	3	
327	Adv. Composition and Conversation	3	
340	Spanish American Literature	3	
421	Literature of the Golden Age I	3	
422	Literature of the Golden Age II	3	
430	Spanish Civilization and Culture	3	
Related Required Courses			12
French		12	

Second Teaching Field 24 Sem. Hrs.

The requirement for the second teaching field is the same as for the first teaching field, 24 semester hours, except for the second language requirement.

*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

SPEECH 28 Sem. Hrs.

First Teaching Field

Required Courses			14
101	Fundamentals of Speech	2	
105	Voice and Diction	2	
243	Debate	2	
336	Play Directing	2	
336L	Play Directing Lab.	1	

337	Effective Speaking	2	
430	Speech Correction	3	
Elective Courses*			14
Forensics			
244	Intercollegiate Debating	1-2	
245	Oratory	1-2	
401	Extemporaneous Speaking	1	
Radio			
330	Fund. of Radio Speech	2	
334	Radio Production	2	
334L	Radio Production Lab.	1	
Theatre			
120	Theatre Appreciation	2	
151	Play Production	2	
152-452	Theatre Workshop	1-2	
251	Acting	2	
301-301L	Makeup	1-2	
318	Modern Drama	3	
Interpretation			
313	Shakespeare: Comedies	2	
314	Shakespeare: Tragedies	2	
421	Poetry Interpretation	3	

*At least one course must be elected in each area.

Second Teaching Field 24 Sem. Hrs.

Required Courses
101, 105, 151, 243, 245, 330, 336, 337, 421, 430

Electives: From courses listed for First Teaching Field 3

SPECIAL CURRICULA

PRE-PROFESSIONAL CURRICULA

The courses outlined below are organized to meet the needs of those students who plan to continue their work in some professional school after one or two years as a student in Fairmont. Since most of this work is basic in character, it may be used in meeting the requirements for graduation from Fairmont State College.

Pre-profescsional work is offered in the following fields:

Dentistry
Law

Medicine
Medical Technology

Nursing
Social Work

An outline of the courses to be included in the pre-professional curricula listed above is outlined below for the use of students and advisers. Since the majority of students doing such work will later enter the professional schools at West Virginia University, the courses have been prepared with the idea of meeting the requirements laid down by University authorities for their own pre-professional students. Students expecting to enroll in other professional schools should procure a catalogue from the school they expect to enter with advanced standing so that the course taken here will meet the requirements they need to meet. The pre-professional field adviser will assist students in making all necessary adjustments.

The arrangement of courses of the pre-professional curricula by years may have to be varied somewhat to meet schedule situations and the interests of students. The pre-professional advisers should, however, be consulted as regards any such changes before they are made.

PREDENTAL CURRICULUM

Students enrolled in pre-dentistry should plan their programs in relation to the requirements of specific college of dentistry, for the entrance requirements differ somewhat among the various colleges. They should obtain a catalogue from the school of their choice, and use it as a guide in selecting their courses in Fairmont. Only students with a B average, or higher, will be urged to continue dental training.

A recommended schedule for a two year pre-dental course in Fairmont State College follows:

Course	First Year Hrs.	First Year Hrs.	Second Year Hrs.	Second Year Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
German 101, 102 or French 101, 201	3	3		
German 201, 202 or French 201, 202			3	3
Biology 101, 102	3	3		
Zoology* 320, 321			4	4
Physics 101, 103			4	4
Chemistry 301, 303			4	4
Psychology 203, 205	3	3		
Electives (Composition, Literature or Sociology)			2	2
	16	16	17	17

*Some dental schools specifically require Zoology. In most instances, Biology or Zoology courses will meet requirements. There normally should be an opportunity to include 3-4 hours of elective courses in the first year.

PRE-LAW CURRICULUM

If the general requirements for graduation and the major requirements as set out on page 18 are met in the first three years of work at Fairmont State College, the final group of hours to make a total of 128 and to complete all requirements may be taken in a recognized law school. Fairmont State College will then confer the A. B. degree on those students completing the program.

A suggested outline of pre-law courses covering the first three years at Fairmont State College is outlined below:

SUBJECT	HOURS	I		II		III	
Library Science	1	101					
English Composition	6	102	104				
Psychology	3		103				
Language	12	101	102	201	202		
Physical Education	2	115	116				
Art	2						255
Music	2					205	
Literature	6					202	204
*Biological Science	6			101	102		
Speech	4	101					105
History	16	111	112	207	208	307	308
Economics	6			201	202		
Business	6					201	202
Political Science	19	101	103	304	203	309 307	310
Electives	5						
	96						

*Physical Science 201 and 202 (6 hours) and Health 102 (2 hours) may be substituted for Biological Science, with the consequent rearrangement of this schedule.

PREMEDICAL CURRICULUM

Students preparing for the study of medicine will do well to provide themselves with a broad collegiate training rather than to restrict their studies to a narrow field. A two year program for pre-medical students based upon this principle is here outlined. Unless, however, a valid reason for altering the program exists, all students enrolled in pre-medical work will be required to follow this schedule. Students should know that every school of medicine has definitely prescribed entrance requirements which differ in certain particulars from those of many other schools. As a consequence, one should find out the specific requirements of the school he plans to enter and select the courses that satisfy these requirements. Only students with a B average or higher will be expected to continue medical training.

The following basic courses in Fairmont State College are recommended:

Course	First Year		Second Year	
	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
English 202, 204			3	3
Chemistry 101, 102	4	4		
Foreign Language (German, French, Latin)	3	3	3	3
Biology 101, 102	3	3		
Mathematics 221, 231	4		3	
Chemistry 201, 241			4	4
Physics 101, 103			4	4
Psy. 103		3		
Physical Education	1	1		
Electives				3
	18	17	17	17

PREMEDICAL TECHNOLOGY CURRICULUM

Those persons planning to become medical technologists can complete the collegiate requirements at Fairmont State College. A minimum of 60 semester hours of college credit must be presented for entrance to a school of medical technology approved by the Council on Medical Education and Hospitals of the American Medical Association. The entrance requirements must include 12 semester hours of biology, four of which must be zoology, and 12 semester hours of chemistry, 8 of which must be general inorganic and four quantitative analysis. The electives should be chosen from English, mathematics, physics, anatomy, bacteriology, organic chemistry, physiology, and histology.

Any student who wishes to earn a degree from Fairmont State College should schedule courses to meet the general education requirements of this institution. A recommended schedule for such students is as follows:

First Year

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English 102	3	English 104	3
Biology 101	3	Biology 102	3
Chemistry 101	4	Chemistry 102	4
French or German	3	French or German	3
Library Science 101	1	P. Ed.	1
P. Ed.	1	Electives	2-3
Electives	1-2		
	16-17		16-17

Second Year

Chemistry 240	4	Zool. 321	4
English 202	3	English 204	3
Physics 101	4	Physics 103	4
French or German	3	French or German	3
P. Ed.	1	P. Ed.	1
Elective	3	Elective	3
	17		17

PRE-NURSING CURRICULUM

There has been a tendency in recent years in nursing education toward the establishment of a requirement of at least two years of college work preparatory to entering a school of nursing. Students in this curriculum are advised to use their elective hours in the direction of a broad, general education.

A suggested program of studies in Fairmont State College follows:

Course	First Year		Second Year	
	Hrs.	Hrs.	Hrs.	Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
Biology 101, 102	3	3		
Language or elective	3	3	3	3
Physical Education			2	2
Literature			3	3
Psychology 203, 205			3	3
Soc. Sci. 201-202			3	3
Electives	3-4	3-4	2-3	2-3
	16-17	16-17	16-17	16-17

PRE-SOCIAL WORK CURRICULUM

The pre-professional curriculum in Social Work is designed to meet the needs of the students who plan to enter the school of Social Work at West Virginia University, or other approved schools of social work. Professional education for the many positions available for professional social workers is on a graduate basis in all accredited schools of social work. The undergraduate program, which may be obtained completely at Fairmont State College, includes broad and intensive preparation in the social sciences and related fields.

Students who choose this course must satisfy all the requirements prescribed for the Bachelor of Arts. They should elect their major in sociology or social science and meet the requirements set up for majors in one of those fields. The program for this curriculum should be planned in consultation with the chairman of the Department of Sociology.

TWO-YEAR CURRICULA

Fairmont State College now offers several special curricula each of which requires completion of 64 semester hours with a quality point average of 2.0 or better. These curricula are now available in the following areas:

Accountancy

Clerical

General Education

Secretarial

The purpose of these curricula is to provide desirable vocational training for those persons who are unable to complete an entire four-year course without interruption, and for those persons who desire some college training organized with a definite objective in mind in contrast to a more or less random selection of courses. These curricula are organized in such a manner as to be complete within themselves, while, at the same time, they will serve as preparation for the more intensive and richer four-year courses. The quality of the instruction offered will be identical with that in the four-year courses.

Fairmont State College is authorized by the State Board of Education to issue a certificate as Associate in Arts or Associate in Science upon the successful completion of any of these special two-year curricula. The student, of course, may choose not to complete all the requirements of a special curriculum and continue work toward a baccalaureate degree instead.

ACCOUNTING CURRICULUM 64 Sem. Hrs.

Required Courses

Bus.	141	Business Mathematics	3
Bus.	201, 202	Principles of Accounting	6
Bus.	301, 302	Advanced Accounting	6
Bus.	306	Business Law	3
Bus.	406, 407	Income Tax, Individ. & Corporate	6
Econ.	201, 202	Principles and Problems	6
Eng.	102, 104	First Yr. Wr. & Spkn. Eng.	6
Sec. St.	101	Begin. Typewriting	2
Psy.	103	General Psychology	3
Speech	101 or	Fundamentals of Speech	2
	105	Voice and Diction	2
Electives			21

SECRETARIAL CURRICULA

64 Sem. Hrs.

TWO YEARS

Required Courses

Bus.	141	Business Mathematics	3
Bus.	201	Principles of Accounting	3
Eng.	102, 104	First Year Wr. & Spk. Eng.	6
Sec. St.	101, 102	Begin. & Adv. Typewriting	4
Sec. St.	201, 202	Begin. Shorthand	8
Sec. St.	211	Vocational Typewriting	2
Sec. St.	251	Business Correspondence	2
Sec. St.	301, 302	Adv. Shorthand & Transcript	8
Sec. St.	311	Office Machines & Filing	2
Sec. St.	351	Sec. Office Practice	3
Psy.	103	General Psychology	3
Speech	101 or	Fundamentals of Speech	2
	105	Voice and Diction	2
Electives			18

ONE YEAR

32 Sem. Hrs.

Required courses

Bus.	201	Principles of Accounting	3
Eng.	102, 104	First Year Wr. & Spkn. Eng.	6
Sec. St.	101, 102	Begin. & Adv. Typewriting	4
Sec. St.	201, 202	Begin. Shorthand	8
Sec. St.	311	Office Machines & Filing	2
Electives			9

CLERICAL CURRICULA

64 Sem. Hrs.

TWO YEARS

Required Courses

Bus.	102	Principles of Business	3
Bus.	141	Business Mathematics	3
Bus.	201, 202	Principles of Accounting	6
Eng.	102, 104	First Year Wr. & Spkn. Eng.	6
Sec. St.	101, 102	Begin. & Adv. Typewriting	4
Sec. St.	211	Vocational Typewriting	2
Sec. St.	251	Business Correspondence	2
Sec. St.	311	Office Machines & Filing	2
Sec. St.	351	Sec. Office Practice	3
Psy.	103	General Psychology	3
Speech	101 or	Fundamentals of Speech	2
Speech	105	Voice and Diction	2
Electives			28

ONE YEAR

32 Sem. Hrs.

Required Courses

Bus.	141	Business Mathematics	3
Bus.	201, 202	Principles of Accounting	6
Eng.	102, 104	First Year Wr. & Spkn. Eng.	6
Sec. St.	101, 102	Begin. & Adv. Typewriting	4
Sec. St.	311	Office Machines & Filing	2
Electives			11

GENERAL EDUCATION CURRICULUM

First Year

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Eng. 102, First Year Written and Spoken English	3	Eng. 104, First Year Written and Spoken English	3
Biol. 101, Intro. to Biol. or Phy Sci. 201 Gen. Phy. Sci.	3	Biol. 102, Intro. to Biol. or Phy. Sci. 202 Gen. Phy. Sci.	3
Hist. 111, Development of Soc. Inst.	3	Hist. 112, Development of Soc. Inst.	3
Speech 101, Fund. of Speech	2	Phil. 101, Intro. to Phil.	3
P.E. 101, or 115 Fr. Orient.	1	P.E. 111, or 116 Fr. Orient.	1
Electives	4-5	Electives	3-4
	16-17		**16-17**

Second Year

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
Eng. 202, St. & App. of Eng. Lit.	3	Eng. 204, St. & App. American Lit.	3
Soc. Sci. 201, Fund. Soc. Probs.	3	Soc. Sci. 202, Fund. Soc. Probs.	3
Psy. 103, General Psychology	3	Music 205, Music in Hum. Rel.	2
Art 255, Hist. & App. of Art	2	Electives	8-9
Electives	5-6		
	16-17		**16-17**

COURSES OF INSTRUCTION

Key to Abbreviations

Hrs.—Number of credit hours per course.
PR—Prerequisite.

The Plan for Numbering Courses

Courses 100 to 199—Courses intended primarily for freshmen.
Courses 200 to 299—Courses intended primarily for sophomores.
Courses 300 to 399—Courses intended primarily for juniors.
Courses 400 to 499—Courses intended primarily for seniors.

Schedules

Before the opening of each semester, a schedule is printed announcing the courses to be offered in that semester. Preliminary and final registration is made from this schedule. A complete schedule of all courses offered in the Summer session is printed in the Summer Session Bulletin.

ART*

Miss Rhodes, Mr. Schroder

141. **Art Structure.** Two hours.

A basic course in the principles of design applicable to various media and techniques. Miss Rhodes.

142. **Drawing.** Two hours.

The development of technical skills in the use of various drawing media with a continuation of problems of composition. Mr. Schroder.

155. **Creative Expression in the Fine Arts.** Two hours.

Art related to the general educational program of the elementary schools. Experience in drawing, painting, poster, and design, using various media suitable for children. Miss Rhodes.

156. **Creative Expression in the Applied Arts.** Two hours.

Crafts related to the general educational program. Experience in working with clay, paper, wire, puppets, etc. Miss Rhodes.

241. **Drawing from Life.** Two hours.

Drawing from the posed model accompanied by analytical studies of anatomy. Mr. Schroder.

242. **Drawing and Painting from Life.** Two-three hours.

Continuation of Art 241. Mr. Schroder.

255. **History and Appreciation of Art.** Two hours.

Emphasis upon art in contemporary living. Considers the social, political, and economic impact upon historical backgrounds and modern developments in various art fields. Miss Rhodes-Mr. Schroder

278. **Ancient and Medieval Art.** Three hours.

History of Art from Prehistoric times to 1400 A.D. An analysis of the philosophical, religious, and political beliefs and conditions that produced various artistic expressions. Use of slides and prints. Mr. Schroder.

283. **Modeling and Sculpture.** Three hours.

Introductory course using clay modeling, plaster, and metal sculpture. Mr. Schroder.

284. **Modeling and Sculpture.** Three hours.

Continuation of Art. 283. Includes carving in wood and stone. Mr. Schroder.

291. **Commercial Design.** Three hours.

Lettering and design for advertising, posters, and display. The approach may be from either the professional or the school point of view. PR: 141. Miss Rhodes.

292. **Commercial Design.** Three hours.

Construction and arrangement of display material. Miss Rhodes.

355. **Applied Problems for High School Teachers.** Two hours.

Planning and application of problems for high schools. Coordinated with the Education Department and the public schools. Designed for students who are practice teaching or for teachers in service. Miss Rhodes.

356. **Crafts for High School Teachers.** Two hours.

Crafts for high schools, playgrounds, or personal recreation. Students who do not desire education credit will substitute additional problems for discussions of teaching. PR: 141. Miss Rhodes.

361. **Painting in Oil.** Two-three hours.

Still life, landscape, and figure painting in oil. Mr. Schroder.

362. **Painting in Oil.** Two-three hours.

Continuation of Art 361. Mr. Schroder.

363. **Painting in Watercolor.** Two-three hours.

Composition and techniques of painting in watercolor. PR: 142. Miss Rhodes.

364. **Painting in Watercolor.** Two-three hours.

Continuation of 363. Miss Rhodes.

365. **Painting in Gouache.** Two-three hours.

Composition and techniques of painting in opaque watercolor. PR: 142. Miss Rhodes.

377. **Italian and Northern Renaissance Art.** Three hours.

History of painting, sculpture, architecture, and the minor arts in Italy, the Netherlands, Germany, Spain, France, and England from circa 1400 A.D. to the 19th century. Mr. Schroder.

378. **Nineteenth Century and Contemporary Art.** Three hours.

History of art from the 19th century to the present. An analysis of art movement: neo-classicism, romanticism, impressionism, post-impressionism, expressionism, cubism, and surrealism. Mr. Schroder.

383. **Ceramics.** Three-two hours.

Modeling, firing, and glazing pottery and ceramic sculpture. Miss Rhodes, Mr. Schroder.

384. **Ceramics.** Two-three hours.

Continuation of 383. Miss Rhodes.

392. **Textile Design.** Three hours.

Designs for stencils, silk screen, and weaving. Study of contemporary designers and professional practices. Techniques applicable to high school teaching. PR: 141. Miss Rhodes.

461. **Advanced Painting in Oil.** Two-three hours.

Experimental study and execution of oil painting using various techniques such as impasto, glazing, and knife painting with also sizing and stretching of canvas and the construction of proper frames. Mr. Schroder.

462. **Advanced Painting in Oil.** Two-three hours.

Continuation of 461. Mr. Schroder.

463. **Painting in Any Medium.** Two-three hours.

The student is permitted to select the medium and then experimentally exploit all the technical and creative possibilities that it permits. Miss Rhodes, Mr. Schroder.

464. **Mural Painting.** Three hours.

The study and execution of mural designs. Mr. Schroder.

477. **Seminar in Art History.** Two hours.

Correlation of art history and aesthetic. PR: 8 hours of art history.

483. **Advanced Sculpture.** Two-three hours.

Carving in wood and stone. Mr. Schroder.

484. **Advanced Sculpture.** Two-three hours.

Continuation of 483. Mr. Schroder.

491. **Interior Design.** Three hours.

Problems of designing and furnishing the home. Considers traditional backgrounds and contemporary development. PR: 141. Miss Rhodes.

*Prerequisites are for students majoring in Art.

BIOLOGICAL SCIENCE

Mr. Davisson, Mr. Creasy, Mrs. Quintrell, and Staff

BIOLOGY

101. **Introduction to Biology.** Three hours.

This course and the one following constitute a year's study of the biological principles governing living things with particular emphasis on their human implications. The approach of this course was designed especially for teachers in elementary and secondary schools by a state committee of college teachers of biology. Staff.

102. **Introduction to Biology.** Three hours.

Continuation of 101. Staff.

340. **Bio-Ecology.** Two hours.

A study of the relationship of living things to their environment. PR: Biol. 101-102, or equivalent. Mr. Creasy.

380. **Introduction to Genetics.** Three hours.

Elementary studies of the principles of heredity. PR: Biol. 101-102, or equivalent. Mr. Davisson.

480. **Principles of Evolution.** Two hours.

An introduction to the study of evolution. PR: 101-102, or equivalent. Mr. Davisson.

BOTANY

Mr. Creasy

124N. **Microbiology. For Nurses.** Three hours.

Two lectures and one two-hour laboratory each week. Introductory, morphological, cultural, and physiological characteristics of microorganisms. Open only to students of the Fairmont General Hospital School of Nursing. Mr. Creasy.

201. **General Botany.** Four hours.

Two lectures and two two-hour laboratories each week. The first part of the semester is given to the study of the structure and functioning of the seed plant. The second part includes a survey of both lower and higher forms of plants with emphasis on reproductive structures. Basic to all other botany courses. Mr. Creasy.

310. **Plant Physiology.** Four hours.

Two lectures and two two-hour laboratories each week. All of the physiological processes of plants are considered; ascent of sap, transpiration, food synthesis, respiration, translocation, and growth and development. Prerequisite Botany 201 or its equivalent. Mr. Creasy.

324. **Bacteriology.** Four hours.

Two lectures and two two-hour laboratories each week. The technique of isolating, culturing, and identifying bacteria are considered. Attention is given to disease-producing bacteria and methods of disinfection. A general course designed to prepare the student for subsequent studies in sanitation, medicine, agriculture, etc. Mr. Creasy.

330. **Field Botany.** Three hours.

One lecture and two two-hour laboratories each week. Designed for those who plan to teach. The various groups of plants are considered in the field and laboratory with emphasis on the seed plants. Some attention is given to ecology. Mr. Creasy.

340. **The Plant Kingdom.** Four hours.

Two lectures and two two-hour laboratories each week. Deals with the structural characteristics of the great plant groups through the bryophytes. Their organization, development, and reproductive structures are considered in detail. Teaching materials are compiled, techniques developed, and there are field trips on occasion. Mr. Creasy.

341. **The Plant Kingdom.** Four hours.

Two lectures and two two-hour laboratories each week. Continuation of Morphology 340 but may be taken as an independent unit. This course covers the vascular plants including the ferns, gymnosperms, and angiosperms. Mr. Creasy.

342. **Plant Ecology.** Two hours.

Two one-hour lectures each week.

A study of structural adaptations of plants for survival in their physical and biological environments. Plant geography is considered. Field trips on occasion. Mr. Creasy.

361. **Plant Histology.** Two to four hours.

Lectures and practical instructions in the preparation of permanent as well as temporary slides for microscopic observation of plant tissues. Various methods of killing, sectioning, and staining are learned. Prerequisite Botany 201. Mr. Creasy.

371. **Plant Anatomy.** Three hours.

Two lectures and one two-hour laboratory each week. Studies of the fundamental tissue organization of the higher plants. Development and differentation of cell types and structures as related to function are considered. Prerequisite Botany 201. Mr. Creasy.

415. **Problems Course.** Two to four hours.

Advanced work on special phases of botany. Mr. Creasy.

BUSINESS ADMINISTRATION

Mr. Jaynes, Mr. Cole, Mr. Dunn, Mr. Hough, Mr. Larkin, Mrs. Pinto, Mr. Potesta

102. **Introduction to Business.** Three hours.

A survey of the various fields of business designed to acquaint the student with the basic principles, practices, and employment opportunities of each field. The student is provided, early in his college training, with the information of, and preparation for, the advanced courses in business to aid in choosing his major studies. Mr. Dunn.

141. **Business Mathematics.** Three hours.

This course is designed to provide knowledge and skill in the computation of the practical problems of a business. The course content should form a sound basis for further study in the following areas: accounting, investments, business finance, money and banking, insurance, and related business subject. Special emphasis will be directed to review of the basic arithmetic skills. The course is designed to meet the requirements for mathematics for students in business administration. Mr. Cole.

201. **Principles of Accounting.** Three hours.

202. **Principles of Accounting.** Three hours.

Continuation of 201, introducing accounting concepts applicable to partnerships and corporations, including manufacturing concerns. Staff.

203. **Accounting for Small Business.** Three hours.

A basic course designed to acquaint business men and industrial personnel with the fundamental bookkeeping and accounting practices. Attention will be directed to the reading and interpretation of financial statements and ledgers to facilitate business management and control. Staff.

205. **Salesmanship.** Three hours.

A study of techniques appropriate to personal selling, both retail and contact. Students are given opportunities to construct and give sales presentations. Mr. Dunn.

300. **Principles of Retailing** Three hours.

A study of the history, financing, organization, operation, and trends of the modern retail store. With the use of individual and committee projects, students will construct complete plans for a model retail store. Mr. Dunn.

301. **Advanced Accounting.** Three hours.

Interpretation and use of accounting data. Accounting theories applicable to the evaluation of assets and determination of liabilities and net worth. PR: Bus. 201, 202. Mr. Potesta.

302. **Advanced Accounting.** Three hours.

Continuation of 301. Accounting for partnerships, installment sales, consignment sales, branch accounting, consolidated statements, and estates and trusts. PR: Bus. 301. Mr. Potesta.

304. **Marketing.** Three hours.

A study of those business activities necessary to effect transfers in ownership of goods and to provide for their physical distribution. PR: Econ. 201, 202 or consent of instructor. Mr. Dunn.

306. **Business Law.** Three hours.

Introduction to the study of our legal system, courts and procedure, fundamentals of the law of contracts, agency and negotiable instruments. Mr. Potesta.

307. **Business Law.** Three hours.

Continuation of 306. Fundamentals of the law of sales, partnership, corporations, and the legal basis of property as applied to business situations. Bus. 307 will not satisfy 3 hour requirement in the teaching field of Commerce-Business Principles. Mr. Potesta.

308. **Personnel Management.** Three hours.

A study of the field of personnel management and industrial relations including its background, development, job analysis, description and classification, selection, training, wage plans, collective bargaining, personnel records, and research. Mr. Jaynes.

309. **Industrial Organization and Management.** Three hours.

A study of the problems of the organization and management of an industrial plant, including the selection of plant location, factory buildings, plant layout, power, heat, light, purchasing, etc. Mr. Jaynes

310. **Statistics.** Three hours.

The course includes computation of statistical measurements, methods of collecting and analyzing data, and the interpreting of results. Mr. Jaynes.

312. **General Insurance.** Three hours.

A course designed to acquaint the student with the various types of insurance, both personal and business, to better prepare him to make his own insurance plans as well as to inform him concerning the many types of insurable risks. Mr. Jaynes.

314. **Office Management.** Two hours.

The study of office management principles, analysis of office procedures, filing, transcribing, correspondence, reports, business machines and forms. The application of personnel management techniques to office management, office organization, office layouts. Staff.

320. **Principles of Advertising.** Three hours.

A survey course of the social, psychological, and some technical aspects of advertising. For Business and Journalism students. Mr. Cole

404. **Cost Accounting.** Three hours.

Elements and methods of cost finding. Methods of collecting and recording the cost of material, labor and burden in factory production. Introduction to concepts of job order, process cost, and standard cost accounting. Mr. Hough.

405. **Auditing.** Three hours.

Duties and responsibilities of auditors, methods of verification of balance sheet and profit and loss accounts, preparation of working papers, schedules, audit reports, and certificates. PR: Bus. 201, 202, 301, 302, 404. Mr. Hough.

406. **Federal Income Tax Accounting: Individual** Three hours.

Preparation of income tax returns from the accounts of an individual; exclusions and inclusions for gross income, capital gains and losses, business expenses and other deductions. Mr. Potesta.

407. **Federal Income Tax Accounting: Partnership and Corporation.** Two-three hours.

Continuation of 406, including preparation of income tax returns from accounts of partnerships, estates and trusts, and corporation. PR, Bus. 406. While previous accounting knowledge or experience will be helpful, no prior accounting training, knowledge, or experience is required. Mr. Potesta.

410. Investments. Three hours.

A study of the principles of investment procedure and practices to follow in investing money. Included in the course are the following: methods of statistical analysis; types of investment securities; sources of information; municipals; governments; investment trusts; the stock markets, etc.
Mr. Jaynes.

414. Communications in Business. One-three hours

This course is intended to improve the communicative skills of the student with a view to improve his ability to communicate both orally and in writing. A remedial and clinical approach to the problems of composition and oral expression is used. Staff.

415. Seminar in Management. Three hours.

Designed principally for people who are engaged in the general management or supervisory function. Considerable time is given to such topics as the personal organization of the manager, employee training and discipline, personality development, work incentives, grievance procedure, the union contract, and employee testing. Attention is given to such supervisory problems as the supervisor as a teacher and leader, the supervisor and the employee morale problem, the supervisor's management status. Course can be taken for credit (3) or audit. Occupational experience is a desired prerequisite.
Mr. Larkin.

416. Sales Management Three hours.

A study of controlling the activities of salesmen and the management of sales promotion; advertising and research. Attention will be given to the selection of sound sales objectives, determination of general marketing policies, analysis of selling functions, and the development of a sales staff with good morale, cooperation, and discipline. PR: Bus. 205 or consent of instructor.
Mr. Dunn.

417. Credits and Collections. Three hours.

A study of consumer credit management, mercantile credit management, the technical and legal aspects of collections, and credit and collection control. PR: Bus. 304 recommended but not required. Mr. Cole.

CHEMISTRY

Mrs. Swiger, Mr. Haught, and Staff

101. General Chemistry. Four hours.

The beginning course in college chemistry; has no prerequisites. Offered only in the fall semester and first term of the summer session.

102. General Chemistry. Four hours.

The second half of the first year of beginning college chemistry. Offered only in the spring semester and the second term of the summer session. PR: Chem. 101.

107N. Chemistry for Nurses. Three hours.

A special course for students in the school of nursing education of Fairmont General Hospital. Not open to others.

201. **Qualitative Analysis.** Four hours.

Required of all students who major in chemistry. PR: Chem. 102.

240. **Quantitative Analysis.** Four hours.

Gravimetric analysis. Required of all students who major in chemistry. PR: Chem. 102, or consent of instructor.

241. **Quantitative Analysis.** Four hours.

Volumetric analysis. Required of all majors in chemistry. PR: Chem. 102, or consent of instructor.

301. **Organic Chemistry.** Four Hours.

A study of the aliphatic hydrocarbons and their derivations. Required for chemistry majors, predental and premedical students. Recommended for students preparing to teach high school science. PR: Chem. 240, or consent of the instructor.

302. **Organic Chemistry.** Four hours.

A study of the aromatic hydrocarbons and their derivations. PR: Chem. 301.

ECONOMICS

Mr. Jaynes, Mr. Cole, Mr. Dunn, Mr. Larkin, Mr. Potesta

101. **American Business and Industry.** Three hours.

A study of the principal American industries with emphasis on their contributions and place in the American economy. A text covering the development of some of the principal industries of America is assigned reading. Each student is given the opportunity of viewing a number of films picturing present day industrial processes. Mr. Dunn.

201. **Economic Principles and Problems.** Three hours.

Fundamental economic concepts with exercises in solving elementary problems. National income and the employment of resources. (This course should be selected by economics and business majors or by non-majors who need at least 6 hours of economics and who will continue with Economics 202). Staff.

202. **Economic Principles and Problems.** Three hours.

Distribution of economic factors of production. Management and control of economic resources. Government finances. International economics. Personal distribution and uses of income. Types of economic systems. As in the first semester, those topics will be supplemented with exercises in the solution of elementary problems. PR: Econ. 201. Staff.

302. **Economics of Labor.** Three hours.

Labor economic theory. Wage theory. Labor unions. Union organizations and tactics. Union weapons. Employer weapons and tactics. Strikes. Labor and social legislation. Labor history. Government and labor. Staff.

303. **Money, Credit, and Banking.** Three hours.

An intensive study of money and credit principles with an analysis of their effects upon prices. History of banking. Banking principles and practices. PR: Econ. 201. Mr. Jaynes.

305. **Economic Principles.** Three hours.

This course is planned for those students who possess only a general interest in the field of economics. It deals with basic facts, concepts, and relationships necessary to understanding our economy. (This course should be selected by those students who need only 3 hours of economics. If at least 6 hours are needed, the student must select Econ. 201 and 202. This course is NOT a substitute for either of them. This course should not be selected by economics and business majors.) Staff.

307. **Personal Finance.** Three hours.

A study of the problems a consumer must face in his or her day-to-day buying and living. It includes a brief survey of budgets, life insurance, investments, managing personal finances, buying services, and other problems of the consumer. Primarily intended as a general education course for non-majors. Mr. Jaynes.

406. **Guided Economic Study.** One-three hours.

Intensive reading, research, and study in current literature and documents in regard to a selected economic problem or group of problems. The field of study will be one in which the student has a special interest. All work will be done individually and the class will be conducted by conferences with each student. PR: 18 hours of Economics, Business, and Social Science courses. Staff.

407. **Advanced Economic Problems.** Two hours.

A course especially designed for seniors who are to graduate in the year in which the course is taken. Its purpose is to give the student a final review of the basic principles as applied to present day economic problems. Staff.

415. **Seminar in Economics.** Three hours.

This course is primarily for people in industry and business or for interested in-service teachers. Principal consideration will be given to current economic problems. Such topics as the business cycle, the distribution of wealth, financing a capitalistic economy, the government's function in business, and the management-labor relationship will be given extended treatment. Automation, the new extension of the Industrial Revolution, will be studied in some detail. Course can be taken for credit or audit. Mr. Larkin.

EDUCATION

Mr. Howard, Mr. Collins, Miss Marple, Mr. Righter, Mr. Taylor, Mrs. Willard

100. **Introduction to Education.**

This is primarily an orientation course for college freshmen who are considering the field of teacher education as an area of specialization. It is a prerequisite for Ed. 202. Not open to students who have credit in six hours or more of professional education.

202. **Human Growth and Development.** Three hours.

The aim of this course is to develop an interest in and an understanding of the child as a developing personality. Laboratory and field work are required. PR: Ed. 100.

203. **Human Growth and Development.** Three hours.

This course emphasizes learning as a means of growth and development. Laboratory and field work are required. PR: Ed. 202.

226. **Primary Methods.** Three hours.

This course includes three semester hours of primary methods covering grades 1-3. It is designed to provide for the needs of students preparing for the Third-Class Elementary Certificate and for Curricula B and C certification. PR: Ed. 202, 203.

250. **Observation and Directed Teaching: Third Class Elementary Certificate.** Three hours.

Student teaching must be on two levels; primary, and intermediate or upper grade level. PR: Ed. 202, 203, 226.

306. **Tests and Measurements in the Public Schools.** Two hours.

The purposes of this course are to acquaint the prospective teacher with the principles of measurement and evaluation, and to give definite instruction and practice in test construction and use. PR: Ed. 202, 203.

325. **Human Adjustment.** Three hours.

The development of a normal personality and the prevention of maladjustments are emphasized. PR: Ed. 202, 203.

336. **Intermediate and Upper Grade Methods.** Three hours.

This course is designed for students working toward a First or Second Class Elementary Certificate. It deals with methods in grades four through eight.

341. **Techniques in Diagnostic Reading.** Two hours.

This course is specially designed to teach the fundamental principles of reading in three areas: (A) Developmental, (B) Functional, (C) Recreational.

390. **History of Education.** Two hours.

A general historical survey of the development of education and the influence of great philosphies on modern education. PR: Ed. 203 and six hours in European or World History.

395. **Survey of Guidance.** Two hours.

Principles of educational, vocational, and personal guidance are examined. Guidance techniques are studied. PR: Ed. 202, 203.

420. **Observation and Directed Teaching: Curriculum B.** Two-six hours.

Student teaching must be on two levels. PR: Ed. 202, 203, 226, 336, and consent of the instructor.

422. Integrated Methods: Curriculum C. Three hours.

A study of materials and methods suitable for grades four through twelve. As far as conditions permit this course is integrated with observation and directed teaching. PR: Ed. 202, 203.

424. Audio-Visual Aids. Two hours.

Techniques of effective use of graphic materials, unprojected pictures, objects, specimens, models, field journeys, projected pictures, and audio aids. Required laboratory work includes operation of common projectors, and phono-transcription audio equipments.

425. Observation and Directed Teaching: Curriculum C Six hours.

A minimum of two consecutive hours must be reserved for this course. Observation and student teaching are required on three levels: Primary, intermediate or upper grade (including junior high), and senior high school. Enrollment during two semesters will be required to earn six hours. PR: Ed. 202, 203, 226, 325, 422.

431. Materials and Methods. Two hours.

A course in special methods. Chairmen of departments of subject matter fields requiring unique and special methods may offer this course in cooperation with the Department of Education after securing the approval of the Chairman of the Department of Education. PR: 202, 203, 432.

432. Principles and Methods of Teaching in the Secondary School. Four hours.

A survey of the basic principles of learning and of the techniques of teaching in the secondary school. Observation in the public junior and senior high schools is required. PR: Ed. 202, 203, and consent of the instructor.

450. Observation and Directed Teaching: Curriculum A. Six hours.

One-half day should be reserved for this course. Observation and student teaching is generally required in two areas of concentration or teaching fields. PR: 432.

455. Philosophy of Education. Two hours.

This course undertakes the exposition of some of the classic philosophies of education for the assistance they may give in the solution of the problems of our democratic society.

406. Current Trends in Methods of Elementary Education. Three hours.

The purpose of this course is to bring teachers up-to-date on recent developments in the field of elementary education, particularly in regard to the principles and methods of learning and teaching.

461. Current Trends in Methods of Secondary Education. Three hours.

The purpose is the same as that for Ed. 460, except the field here is secondary education.

ENGINEERING

112. Machine Shop. Two hours.

This course is an introductory course in the care and use of machines, safety practices, etc. Work on the lathe will be emphasized. Several projects in simple machine work are to be developed by the students.

113. Mechanical Drawing. Three hours.

This course is designed especially for engineering students. The following topics are studied: care and use of instruments, lettering, orthographic projections, use of auxiliary projections, isometric projections, tracing and blue printing. Mr. Wise.

115. Welding and Heat Treatment. Two hours.

Designed especially for engineering students, this course consists of lectures, recitations, demonstrations, and shop practices on oxy-acetylene, electric and resistance welding of pipes, tubing, and plates. Some opportunity will be given for practice in the molding and casting of ferrous and non-ferrous metals. Mr. Leonard.

131. Descriptive Geometry. Three hours.

PR, Engr. 113, and Math. 121.

201. Mechanics. Three hours.

This course is designed especially for engineering students. The following topics are studied: resultants of force systems, equilibrium of force systems, first moments and centroids. PR, Math 231 and Physics 210.

202. Mechanics. Three hours.

This course is a continuation of Engr. 201. The following topics are studied: motion of a body, work and energy, impulse and momentum, second moments.

209. Elements of Machine Design. Two hours.

This course is designed to give engineering students a knowledge of empirical designs, standard commercial parts, such as keys, bearings, shafting, coupling, screw filings, limits, tolerance and allowance. Mr. Wise.

ENGLISH

Mr. Weihe, Miss Tate, Mrs. McCarty, Mr. Opp, Mr. Rhodes, Mr. House.

102c. English Fundamentals. No credit.

A requirement for all students who fail to meet certain minimum standards in a placement test. Students are marked "Pass" or "Fail."

102b. First Year Written and Spoken English. Three hours.

College-level training in writing and speaking good English, including a short review of grammar, sentence structure, and punctuation; attention to the organization and development of thought, both in student compositions and in expository reading material; guidance in the use of reference books. PR: Eng. 102c, or a satisfactory score on the English placement test. Staff.

102a. **First Year Written and Spoken English.** Three hours.

A course in reading, writing, and speaking designed to meet the needs of those students who make especially high scores on the placement test. Staff.

104. **First Year Written and Spoken English.** Three hours.

A continuation of English 102, with emphasis on reading for implication and critical evaluation; further writing projects, including a research paper. Staff.

English 102 and 104 are prerequisite for all English courses numbered 200 or above.

202. **Study and Appreciation of English Literature.** Three hours

The formulas of literary criticism applied to selections representing types and forms in this literature from the earliest times to the present. English majors will substitute Eng. 351-352 for this course. Mr. Weihe, Mrs. McCarty, Staff.

204. **Study and Appreciation of American Literature.** Three hours.

A concentrated study of poetry and prose representing types and forms in this literature. Selections considered are chosen from the Pre-Romatic period to the present. English majors will substitute 361-362 for this course. Mrs. McCarty, Mr. Opp, Miss Tate, Staff.

207. **Backgrounds of Literature.** Three hours.

A survey of literature desirable for children; development of principles of selection and standards of evaluation; wide acquaintance with current books. Miss Tate.

208. **Second Year Written and Spoken English.** Three hours.

Development of ability to communicate in clear, effective, correct English, with emphasis on preparation and delivery of representative types of speech. PR: English 102, 104. Mr. Wallman.

302. **Narrative and Descriptive Writing.** Two hours.

Practice in writing the simpler forms of fiction and personal narrative with descriptive detail. Staff.

306. **Advanced Technical Composition.** Three hours.

A course designed to provide practice in the writing of expository articles and reports of a technical nature and largely in the field of engineering. PR: 102, 104. Mr. Rhodes.

311. **Poets of the Romantic Period.** Three hours.

A concentrated study of representative poems of Burns, Wordsworth, Coleridge, Byron, Shelley, and Keats. Mr. Rhodes.

312. **Poets of the Victorian Period.** Three hours.

A concentrated study of representative poems of Tennyson, Browning, Rossetti, Arnold, and Swinburne. Mr. Rhodes.

313. Shakespeare. Two hours.

A study of representative comedies. Mr. Rhodes.

314. Shakespeare. Two hours.

A study of representative tragedies. Mr. Rhodes.

315. The English Essay. Three hours.

Critical readings in representative English essayists. Miss Tate, Mr. Opp.

316. The American Essay. Three hours.

Critical readings in representative American essayists. Mr. Opp.

317. Word Study. Two hours.

A course in the study of the origins and development of the English vocabulary. Mr. Weihe.

317b. A Continuation of English 317. Two hours.

Studies in semantics, in synonyms, idioms, foreign phrases, vocabularies of the fields of action. Mr. Weihe.

318. Modern Drama. Two hours.

The history of the British drama and the study of modern dramas—Continental, British, and American—from Ibsen to the present time. Miss Tate.

321. A Study of the English Language. Three hours.

Word history and analysis; diction; descriptive grammar and constructions; fundamentals of composition. PR: English 102, 104. Required of all prospective teachers of English. Miss Tate.

322. The Modern Short Story. Two hours.

A critical study of this art form as a representation of dramatic motivation in human experience, based upon the work of British, Continental, and American authors. Mr. Weihe, Mr. Opp.

324. The Modern Novel. Three hours.

An historical and critical study of great British and American novels of the nineteenth century. Mr. Opp.

325. The Modern Novel. Three hours.

An historical and critical study of great British and American novels of the twentieth century. Mr. Opp.

328. The Current Scene in Literature. Two hours.

A course showing present-day attitudes as reflected in the work of American and foreign writers. Mr. Weihe.

329. The Current Scene in Literature. Two hours.

A continuation of the preceding. Mr. Weihe.

330. **The Old Testament as Literature.** Three hours.

A study of the literary types and content of the Old Testament. Formerly Eng. 223. Mr. Rhodes.

331. **The New Testament as Literature.** Three hours.

A study of the literary types and content of the New Testament. Formerly Eng. 224. Mr. Rhodes.

341. **Survey of World Literature.** Three hours.

A study in translation of some of the great writers of the world, exclusive of English and American; from Homer through Dante. PR: English 102, 104. Mr. Weihe.

342. **Survey of World Literature.** Three hours.

A continuation of 341 covering the period from the Renaissance to modern times. PR: English 102, 104. Mr. Weihe

351. **Survey of English Literature.** Three hours.

A study of the mind and temper of the English people as seen in their literature from Beowulf to the Romantic Movement. Mr. Opp.

352. **Survey of English Literature.** Three hours.

A continuation of 351 through the nineteenth and early twentieth centuries. Mr. Opp.

361. **Survey of American Literature.** Three hours.

An historical study of the American mind as expressed in literature from Colonial times to Hawthorne. Mr. Weihe, Miss Tate.

362. **Survey of American Literature.** Three hours.

A continuation of 361 to the literature of present time. Mr. Weihe, Miss Tate.

371. **Folk Literature.** Three hours.

A survey course whose chief focus is on the study of ballads in the great collection of F. J. Child; but kindred material is also studied and collected; superstitions, hymns, riddles, stories, and songs. Miss Musick.

403. **Study and Appreciation of English Literature.** Three hours.

A course set up on a temporary basis to assist students in transferring from other curricula to Curriculum C. Staff.

404. **Study and Appreciation of American Literature.** Three hours.

A course set up in the same manner as 403 to assist students in meeting Curriculum C requirements. Staff.

413. **Expository Writing.** Two hours.

Study and practice of the various kinds of expository writing with special emphasis upon the skilled production of research papers. Mr. Rhodes, Miss Tate, Mr. Weihe.

418. **English Drama, Exclusive of Shakespeare, Through the Eighteenth Century.** Two hours.

A close study of representative types of English drama, excepting that of Shakespeare, from the beginning to the nineteenth centry. Such playwrights as Marlowe, Webster, Jonson, Lyly, Beaumont, Fletcher, Goldsmith, Congreve, Sheridan are studied. Miss Tate.

FRENCH

Miss Terry

101. **Elementary French.** Three hours.

Pronunciation, early reading for comprehension of easy prose, elements of grammar, oral and written drill and composition. No credit is given for French 101 without 102.

102. **Elementary French.** Three hours.

Continuation of 101. One year of high school French is also considered as a satisfactory prerequisite for this course.

201. **Second Year French.** Three hours.

Reading, grammar and conversation. PR: 101, 102, or two years of high school French.

202. **Second Year French.** Three hours.

Pronunciation, grammar, reading and conversation. PR: 201.

301. **Literature of the Seventeenth Century.** Three hours.

Reading of the plays of Corneille, Racine, and Moliere, with outside reports from other writers. PR: two years of College French or equivalent.

302. **Literature of the Eighteenth Century.** Three hours.

Especial emphasis on the writings of Rousseau and Voltaire with readings of the other writers. PR: Same as for 301.

308. **French Conversation.** Two hours.

309. **Advanced Grammar and Composition.** Three hours.

310. **French Conversation.** Two hours.

421. **Nineteenth Century Literature to 1850.** Three hours.

Emphasis on Hugo, Balzac, Chateaubriand.

422. **Nineteenth Century Literature Since 1850.** Three hours.

A continuation of 421.

431. **French Civilization and Culture.** Three hours.

PR: 12 hours of French, or equivalent.

GEOGRAPHY

Mr. Moore

210. **World Regional Geography.** Three hours.

An introductory course in geography with major alteration to the principles and concepts of the subject and a detailed study of the geographical regions of the world. Staff.

305. **World Political Geography.** Three hours.

An introduction to the field and methods of political geography and the application of these methods in an analysis of the power relationships of modern states. Mr. Moore.

GEOLOGY

Mr. Haught

301. **Physical Geology.** Three hours.

This course is given to a description of the composition and structure of the earth and the physical processes bringing about changes of the surface of the earth.

302. **Historical Geology.** Three hours.

The geologic history of the earth and the evolution of animal and plant life as revealed by the rocks.

HEALTH

Staff

102. **Personal Health.** Two hours.

This course consists of a study of the individual health of the student. Mr. Wilson.

241. **First Aid and Safety Education.** Two hours.

Study of immediate, temporary treatment in cases of accident or sudden illness prior to medical aid. Mr. Duvall.

302. **Community Health.** Two hours.

A study of community health problems with especial attention given to those calling for the cooperative action of the general public and the health services. Miss Walters.

306. **Marital Relations.** Two hours.

Problems of the individual with relation to marriage, personality, parenthood, sex, counseling and the teaching of marital relations. Mr. Wilson.

308. **School Health Problems.** Two hours.

Survey of school programs, school health services and interrelationships. Miss Walters.

404. **Physical Inspection.** One hour.

Physical inspection and correction of remedial defects. Miss Walters.

HISTORY

Mr. Moore, Miss Ayers, Mr. Smith, Mr. Turner

111. Development of Social Institutions. Three hours.

A survey of the history of man—his governmental, economic, social, religious, intellectual, and esthetic activities in Europe, Asia, Africa, and in the Americas—from the earliest times to the beginning of the modern era. Staff.

112. Development of Social Institutions. Three hours.

A survey of the history of man—his governmental, economic, social, religious, intellectual, and esthetic activities in Europe, Asia, Africa, and in the Americas—from the beginning of the modern era to the present time. Staff.

205. Contemporary Affairs. Two hours.

A study of contemporary political, economic, social, and intellectual affairs in the United States and their relationship to important developments elsewhere in the world. Mr. Smith.

207. The United States to 1865. Three hours.

A survey course in United States history from the Age of Discoveries to the end of the Civil War. Mr. Moore.

208. The United States Since 1865. Three hours.

A survey course in United States history from the end of the Civil War to the present time. Mr. Moore.

221. Modern Europe from the Renaissance to the Congress of Vienna. Three hours.

This course offers a survey of the political, social, and cultural developments within the limits indicated by the title. Mr. Turner.

222. Modern Europe Since 1815. Three hours.

An integrated study of political, economic, social, and ideological situations and movements which have resulted in the contemporary challenge to world order. Mr. Turner.

302. History of West Virginia. Three hours.

A study of West Virginia from the first settlements to the present time. Mr. Moore.

304. The United States and Latin America. Two or three hours.

A study of the interrelation of the United States with the States of Latin America from the discovery of America to the present. Mr. Smith.

305. History of Latin America. Two hours.

A survey of the history of Latin America from the Spanish Conquest to 1824. Mr. Smith.

306. History of Latin America. Two hours.

A survey of the history of Latin America from 1824 to the present. Mr. Smith.

307. **England to the Glorious Revolution.** Two hours.

A survey of the English history from Celtic times to the Glorious Revolution of 1688. Mr. Moore.

308. **England Since the Glorious Revolution.** Two hours.

A survey of English domestic and imperial history from 1688 to the present. Mr. Moore.

312. **Diplomatic History of the United States.** Two hours.

A study of the foreign relations of the United States and the development of basic American foreign policies from the colonial period to the Spanish-American War. Mr. Smith.

313. **Diplomatic History of the United States.** Two hours.

A study of the foreign relations of the United States and the development of American foreign policies from the Spanish-American War to the present. Mr. Smith.

315. **Colonial America.** Two hours.

An intensive study of the American colonies from their beginnings to the end of the Revolutionary War. Mr. Moore.

316. **Jeffersonian and Jacksonian Democracy.** Two hours.

A study in the development of political, legal, and economic ideals during the period 1783-1840 with particular emphasis on the Federal Constitution and its elaboration at the hands of the Supreme Court. Staff.

317. **History of the South.** Three hours.

A study of the South from Colonial times to the present. Mr. Moore.

318. **The Westward Movement.** Three hours

A study of the American frontier and of its westward migration. Mr. Moore.

320. **Economic History of the United States.** Two or three hours.

A survey of the economic development of the United States from the colonial period to the present. Mr. Smith.

340. **Europe Since 1870.** Three Hours.

A study of the development of the European Nations and their participation in world affairs from 1870 to the present time. Mr. Turner.

350. **History of Western Thought.** Three Hours.

A study of the principal thinkers and schools of thought in the development of the western intellectual tradition from Greek and Roman beginnings to the present time. Particular emphasis is placed on the interaction of intellectual movements with the general historical developments of each period. Mr. Turner.

401. **Reconstruction and National Development.** Three hours.

A detailed study of the Reconstruction period and of the national development of the United States during the period 1865-1898. Staff.

402. **Contemporary Europe.** Three hours.

A study of international conflict in the twentieth century, the attempt to establish a basis for world order, and the revolt of the Orient against European colonialism. Mr. Turner.

410. **United States Since the First World War.** Two or three hours.

An intensive study of the history of the United States from the First World War to the present with emphasis on the participation of the United States in world affairs. Mr. Smith.

421. **History of Russia.** Two hours.

This course briefly traces Russian national development from its origins to the time of Peter the Great; Czarist absolutism during the 18th and 19th centuries is treated in greater detail. About one-half of the class time is given to the study of the communist state and to Russia's contemporary international relationships. Miss Ayers.

422. **History of the Far East.** Two hours.

A brief survey of the cultural development of China, Japan and Korea to 1800, and a more detailed analysis of the impact of the West upon these areas from 1800 to the present. Miss Ayres.

423. **History of the Middle East.** Two hours.

A survey of the Middle East with primary emphasis on India as a culture center. Major topics include: Western Colonialism, movements of nationalism, problems of independence, and international relations. Miss Ayers.

422A. **Recent History of the Far East.** Two hours.

A brief outline of the political and cultural development of China and Japan from the sixteenth century down to 1842 and 1853 respectively. More emphasis is placed upon the international relations of the two countries within the last century and upon their contemporary problems. Miss Ayers.

422B. **Recent History of the Middle East.** One hour.

The impact of western colonialism on India and Indonesia during the past century; their establishment as independent states; the problems of statehood and international relationships. Miss Ayers.

460A. **Guided Historical Study.** One-two hours.

A supervised reading program in the field of American history designed to acquaint the student with the major writings in the field. Staff.

460B. **Guided Historical Study.** One-two hours.

Intensive reading on a topic or problem of European history selected upon consultation with the instructor. PR: Consent of the instructor. Staff.

462. **Methods of Research and Bibliography.** Three hours.

An introduction to the materials and methods of historical research. Mr. Moore.

HOME ECONOMICS

*Courses open to all students
**Courses open to all women

101. **Elementary Clothing. Two hours.

Basic construction processes used in simple garments for sports, school, and street wear. Problems are adapted to previous experience. Miss Hall.

102. **Advanced Clothing Construction. Three hours.

The use of detailed and tailored finishes and problems of fitting and management in the construction of suits and varied types of clothing. Miss Hall.

*103. **Principles of Clothing Selection.** Two hours.

An analysis of family and individual needs in planning the wardrobe and selecting clothing from the standpoint of economy, becomingness, use, and maintenance. Miss Hall.

110N. **Foods and Nutrition for Nurses.** Three hours.

The food requirements of an adequate diet for normal individuals. Calculation of the nutritive value of recipes and the planning of diets to meet specifications. Food preparations suitable for liquid, soft, and light diet. Mrs. Hess.

*201. **Elementary Foods.** Three hours.

Application of recent theories of food preparation and preservation as they affect the nutritive value, flavor, and appearance of food. Foods prepared are incorporated into family meals. Mrs. Hess.

*202. **Advanced Foods.** Three hours.

Continuation of Home Economics 201; meal services with emphasis on planning, preparing and serving family meals, that will teach management of time, energy, and money. Mrs. Hess.

*210. **Textiles.** Three hours.

Development of an understanding of the effect of fiber content, construction, and finish on the quality, serviceability, care, and cost of clothing and household fabrics. Miss Hall.

230. **Handicrafts. Two-three hours.

Practical leisure activities for constructing useful and beautiful objects. Helpful to playground or camp workers. Techniques in weaving on large and small looms, basketry, stenciling, stitchery, etc. Miss Hall.

*232. **Cookery for Enjoyment** Two hours.

Learning the essential cookery skills; outdoor cookery, brunches, buffet dinners, teas, coffees, with some foreign foods and meals. Mrs. Hess

301. **Fundamentals of Clothing Construction.** Three hours.

A laboratory course, designed for evening students, emphasizing efficient use of time, money, energy in construction of appropriate clothes for the individual or family. Miss Hall.

302. **Meal Management.** Three hours.

Meal preparation and table service from the viewpoint of economy of time, effort, and money. A variety of meals will be prepared and served—family, buffet, brunch, coffees. Preparation of special foods—teas, parties, and other social functions. This course is designed especially for non-majors. Mrs. Hess.

303. **Nutrition.** Three hours.

The six food nutrients—characteristics and functions in the normal diet of adults and children. Nutritive value of raw and cooked foods. Calculation of dietaries and preparation of exhibits. PR: H. E. 201, 202. Open to non-majors by consent of instructor. Mrs. Hess.

*305. **Nutrition in the Public Schools.** Three hours.

Essential nutrition information for the teacher in the public school. Materials and methods of presenting nutrition facts to children. The federal school lunch program as an integral part of the school program. Recommended for "B" curriculum. Mrs. Hess.

*307. **Family Clothing.** Two hours.

The selection and construction of clothing for various members of the family from the physiological, economic, aesthetic, and psychological standpoint. Special consideration will be given to renovation problems and clothing for children. Miss Hall.

310. **Family Life Education. Two hours.

Study of family experiences and cultural environment influencing personality development. Interraction of family members through all phases of family living. Evolution of the family from institution to companionship family. Mrs. Hess.

*312. **Consumer Education.** Three hours.

How to select large and small household consumable goods, such as silver, china, glass, cosmetic and electrical appliances. Source material which provide consumer information; the consumer movement and legislation for consumers. Open to men and women. Mrs. Hess.

315. **Home Management.** Three hours.

A study of the management of family resources; human, financial, material, and mechanical. Practical management problems used. One third time is used for selection, performance, and care of house equipment. Miss Hall, Mrs. Hess.

*320. **Home Planning and Furnishing.** Four hours.

Designed to help the family use its resources advantageously in the selection of housing. Development of discrimination in the selection and arrangement of furnishings. Opportunities for experience in using color, texture, pattern in practical problems. Miss Hall.

*330. **Child Care and Development.** Two hours.

The training of the child from pre-natal period through the pre-school period. Habit training and development of the child—physical, social, emotional, and spiritual training—are included. Mrs. Hess.

340. **Quantity Cookery.** Three hours.

Application and principles of selection and cookery to large quantity preparation. Menu making, food standards, food cost, and food service are stressed. Operations and use of equipment practiced. Laboratory in college food service. PR: H. Ec. 303. Mrs. Hess.

351. **Applied Design. Two hours.

The development of simple designs, color combinations, and texture combinations in relation to accessories for home and clothing. Articles—table linens, aprons, bags, rugs, etc. Miss Hall.

402. **Tailoring (Formerly Advanced Dressmaking).** Three hours.

The construction of a dress, suit, and accessories with emphasis on selection of fabric, fitting, and tailored details. Designed for evening students. Consult instructor for prerequisites. Miss Hall.

403. **Costume Design.** Two hours.

Gives an opportunity for the girl to express creativeness by draping, drafting, and pattern adaptation of garments suitable to her figure. Attention is given to fitting. Prerequisites 101, 102, or consent of instructor. Miss Hall.

406. **Home Economics Techniques.** Two hours.

Required for teachers. The philosophy and goals of home economics, the organization of teaching materials; experience in techniques of planning, discussion, demonstration, display, evaluation. Miss Hall, Mrs. Hess.

410. **Advanced Textiles.** Three hours.

Fabric analysis and fabric testing for quality and probable serviceability in relation to use. PR: Home Ec. 210. Miss Hall.

INDUSTRIAL ARTS*

Mr. Johnson, Mr. Fowler, Mr. Leonard, Mr. Wise

101. **General Bench Wood Work.** Two hours.

A beginning course of wood work in which materials, tools, tool processes, fastenings, and constructions are studied. Construction work consists of projects embodying typical tool operations. No power machines are used in this course. Mr. Fowler, Mr. Johnson.

110. **General Shop.** Two hours.

This course is designed for those students who have had no industrial education training before coming to this college. Industrial education majors and minors with no previous work in this field should take this course first, also students wishing to discover their interests or aptitudes or to broaden their educational outlook. Mr. Fowler.

120. **Materials of Industrial Arts.** Two hours.

A study of the many materials which are to be used in the technical courses which follow. Emphasis is given to the sources and manufacturing techniques which gives each material its particular qualities. Mr. Johnson.

130. **Elementary Applied Electricity.** Two hours.

A study of electrical theory followed by laboratory practice. Bell circuits, house wiring, fluorescent lighting, and wiring, and the repair of household appliances will be studied. The making of a miniature motor will be included in the shop projects. Mr. Wise

134. **Machine Shop.** Two hours.

A beginning course in the use of the fundamental hand and machine tools. Study will involve care and operation of the lathe, drill press, and grinder. Material and tool specifications will be introduced. Mr. Leonard

140. **General Mechanical Drawing.** Two hours.

A study of drawing as the universal language of industry. This course is on the college level for beginners. It includes lettering, orthographic projection, developed surfaces, sectional views, working drawing, and blue printing. Mr. Wise.

202. **Machine Woodworking.** Two-three hours.

A study of the principles of cabinet construction and design as applied to furniture manufacture. Woodworking machines are used in the construction of projects involving the problems stated. Mr. Fowler, Mr. Johnson.

209. **Machine Drawing.** Two hours.

A course in which the characteristics of metals and machine parts are studied. Typical machine elements such as screw threads, cams, and gears are drawn and blueprinted. Mr. Wise

212. **Printing.** Two hours.

214. **Plastics and Crafts.** Two hours.

Craft work in plastics, leathers, and metals. A study will be made of plastics and their uses. Leathercrafts will involve designing, tooling, and surface enrichment. Metal craft will be in copper, brass, silver and stainless steel involving forming, embossing, chasing, planishing, etching and spinning. Mr. Fowler.

215. **Auto Mechanics.** Two hours.

Beginning course.

220. **Sheet Metal.** Two hours.

A beginning course including instruction in laying out surface patterns, making useful articles involving typical stretch outs, joints, wiring, soldering, and riveting. Mr. Fowler.

230. **Electricity.** Two hours.

A study of electrical theory followed by laboratory experiments and practice. Motor and generator circuits, elementary transformer windings, and methods of current control will be studied. PR: 130. Mr. Wise.

234. **Machine Shop.** Two hours.

A continuation of 134, in which more intensified training will be given in the operation of the metal working machines. PR: 134. Mr. Leonard.

242. **Architectural Drawing.** Two-three hours.

A course in the study of houses. It includes architectural lettering and conventions, plans and elevations, and a study of building materials and specifications. PR: 140. Mr. Wise.

300. **Blueprint Reading.** Two hours.

A course in the reading of the prints and drawings most commonly found in industrial operations. Emphasis will be placed on the development of speed and accuracy in the use of working drawings. The use of the slide rule as an aid in all types of problems involving more than simple arithmetic computation common to the building and metal working trades. Mr. Johnson.

303. **Furniture Construction and Design.** Two hours.

Emphasis will be placed upon the study of furniture design and construction. The student will plan completely for projects to be made in 304. PR: 101, 202. Mr. Fowler, Mr. Johnson.

304. **Cabinet Making.** Two hours.

A continuation from 303. The project will be made in conformity with the drawings and specifications developed in the previous course. Advanced work in the use of machine tools, techniques and processes will be stressed. A high level of craftsmanship will be maintained. PR: 101, 202, 203. Mr. Fowler, Mr. Johnson.

308. **Wood Finishing.** Two hours.

A survey course in the materials and methods commonly used in the finishing of furniture and similar articles, and readily applicable to use in High School shop situations. The various types of dyes, stains, shellacs, varnishes, lacquers, and sealers will be used on sample panels. PR: 101. Mr. Johnson.

311. **Plastics and Crafts for Elementary Teachers.** One hour.

Mr. Fowler.

312. **Printing.** Two hours.

314. **Plastics and Crafts.** Two hours.

Advanced craft work in plastics, leathers, and metals. A continuation of 214, with emphasis on advanced techniques. PR: 214. Mr. Fowler.

315. **Auto Mechanics.** Two hours.

PR: 215.

320. Sheet Metal. Two hours.

A continuation from Sheet Metal I. Advanced work will be offered in lay-out problems, joints, and other typical sheet metal situations commonly found in duct work. PR: 220. Mr. Fowler.

322. General Shop. Two hours.

This is a course providing a variety of experiences in the metal working field. It will include instructional units in art metal, bench metal, sheet metal, and welding. PR: 134. Mr. Leonard.

325. Organization and Administration of Industrial Arts. Two hours.

A course designed to aid the student as a future teacher of industrial arts. Problems of administration, shop arrangement, care of machinery, ordering of materials and supplies, and techniques of shop instruction will be studied. PR: 12 hours of Industrial Arts courses. Mr. Johnson.

334. Machine Shop. Two hours.

This class leads the advanced student into the problems and the methods of solving these problems in milling machine operations. Gearing problems, equations, gear cutting methods, and the necessary related technical information will form the basis of this course. PR: 134, 234. Mr. Leonard.

335. Philosophy of Industrial Arts. Three hours.

This course is designed to give the student a historical background of the industrial arts movement as a basis for developing a philosophy as to the place and function of industrial arts in general education. PR: 325 and 12 hours of Ind. Arts courses. Mr. Johnson.

340. Mechanical Drawing Two hours.

Special problems in mechanical drawing. This course is designed to fill the needs of those who wish to study a special phase of drafting such as the use of the interior perspective method, techniques of inking, advanced machine drafting, etc. PR: 140, or Engr. 113. Mr. Wise.

342. Architectural Drawing. Two-three hours.

A continuation of 242 in which design of houses, building materials, specifications, and cost of construction is studied. Each student will develop a complete set of plans, specifications, and cost estimates for his own house. PR: 140, 242. Mr. Wise.

345. Acetylene Welding. Two-three hours.

The care, operation, use, maintenance and methods of welding and brazing the common metals using the oxy-acetylene welding torch. PR: 134, 322. Mr. Leonard.

346. Arc Welding. Two-three hours.

The care, operation, maintenance, methods and safety precautions necessary in the welding of common metals by the use of the arc welder. Welding will be done with AC and DC welding machines, oxy-arc cutting process and the Heliarc Process dealing with hard-to-weld metals. PR: 134, 322. Mr. Leonard.

360. **Shop Planning.** Two-hours.

Designing plant facilities for the Industrial Arts area of the school program. A study of the placement and the use of the proper type of equipment used in the school shop in relation to the community in which the school is located. PR: 140, 325. Mr. Wise.

365. **Auto Mechanics.** Two hours.

PR: 315.

388. **Cabinet Making.** Two hours.

A continuation of 304 with emphasis on the use of advanced techniques in the design and construction of home furniture. PR: 304 Mr. Johnson.

404. **Building Construction.** Four hours.

Actual construction of small buildings and the problems involved in the erection of the building from the ground up. The course will be off campus in building erection work. Summers only. PR: I. A. 101, 242, 342, or 12 hours of I. A. work. Mr. Johnson.

404A. **Building Construction.** Two hours.

A continuation of 404. PR: 404. Mr. Johnson.

405. **Building Construction.** Two hours.

A continuation of 404 with emphasis on interior carpentry and trim work. PR: 404. Mr. Johnson.

405A. **Building Construction.** Two hours.

A continuation of 405. PR: 405. Mr. Johnson.

408. **Cabinet Making.** Two hours.

Further study beyond the work done in 388. Particular attention is given to the use of veneers, inlays, overlays, and other advanced methods of enhancing the finished appearance of projects. PR: 388. Mr. Johnson.

415. **Driver Education.** Two hours.

A course designed to prepare the licensed driver for teaching driver education programs in high school. A classroom and laboratory program which requires each class member to teach at least one non-driver. Pre-requisites: Upperclass status and two years of accident-free driving. Offered each semester and summer. Mr. Johnson.

420. **Sheet Metal.** Two hours.

A course designed to develop the student in the mastery of more advanced problems in sheet metal layout and forming. Emphasis will be placed on the type of work normally met in the heating and air conditioning industry. PR: 320. Mr. Fowler.

422. **General Shop.** Two hours.

A continuation of 322, with advanced training in metal working and covering the additional areas of forging, foundry and heat treating. PR: 322. Mr. Leonard.

434. **Machine Shop.** Two hours.

A continuation of 334, with advanced training in the operation of the milling machines and the various types of grinders. PR: 134, 234, and 334. Mr. Leonard.

442. **Architectural Drawing.** Two hours.

Advanced problems of architectural design, incorporating the classical motifs in the overall scheme of housing and building plans. Shades and shadows, perspective, detailing, and the making of a model will complete the architectural sequences. PR: 242, 342. Mr. Wise.

450. **Machine Drawing.** Two hours.

Industrial illustrating. This course involves a study of machine design, metals, and alloys. Small machine assemblies will be drawn by the exploded view method showing all parts in relation to other parts. This type of drawing is used extensively by industry for assembly purposes. PR: 140, 350. Mr. Wise.

462. **Architectural Drawing.** Two hours.

A class in the study of the Classic Orders of Architecture. Emphasis will be given so as to show the great influence these Architectural Orders have exerted on architectural styles throughout the centuries up to and including the present. PR: 242, 342, 442. Mr. Johnson.

474. **Industrial Maintenance.** Two-three hours.

Care and maintenance of industrial equipment pertaining to the metal working trades, improvement in shop layout and equipment facilities. PR: senior standing and advanced training in the metal areas. Mr. Leonard.

475. **Mill Wrighting.** Two-three hours.

Care and maintenance of equipment commonly found in the woodworking trades, development of shop organizations and layout and equipment facilities. PR: senior standing and advanced training in the woodworking areas. Mr. Johnson.

490. **Methods and Materials of Teaching Industrial Arts.** Two hours.

A course in which the particular problems and techniques of teaching Industrial Arts are dealt with. Emphasis is given to the special methods of handling demonstrations, uses of special teaching aids and other related problems peculiar to the Industrial Arts shop. PR: 325, 335 and senior standing. Mr. Johnson.

*The Industrial Arts Department operates, during the regular academic year, on a nine weeks plan. Classes in this department normally carry two-hour credits and meet four days per week, for two periods.

JOURNALISM

Mr. House

240. **Reporting.** Three hours.

Fundamentals of reporting; gathering, evaluating, and writing news; emphasis on general reporting rather than writing for specialized fields. Valuable as a vocational try-out and for making the student a better newspaper consumer. Open to second semester freshmen and above.

270. Communications in Society. Two hours.

A course which reflects the current and important interest in public opinion and propaganda; the influence of old and new forms of communication on the social order; why and how people react to advertising, news, publicity, propaganda, and public relations efforts.

271. The Newspaper and Society. Three hours.

A study of the development of the newspaper's growth from an organ of a political party to the social instrument of today; present practices and principles of the press; the evolving code of ethics and influence of the newspaper; its competition with radio, television, and facsimile.

312. Publication Problems. Two hours.

A practical course for teachers who may supervise a school newspaper, yearbook, or handbook; for those who may work on a company newspaper or house organ or in an advertising department; helpful to anyone charged with producing a publication. Problems of staff organization, training, finance, format, type, headlines, etc., will be covered.

340. Journalism Practice. Two hours.

An arranged course providing practical experience on the college newspaper, yearbook, local daily newspapers, radio stations, plus guided reading in the student's field of major interest; for example, writing for radio, newscasting, magazine article writing, dramatic criticism, newspaper business management, circulation promotion, public relations, advertising. PR: Journ. 240.

LIBRARY SCIENCE

Mr. Elliott, Mrs. Jones, Mrs. Rosier

302. School Library Administration. Three hours.

A study of organization and administration of the school, library, and its place in carrying out the objectives of the school program. PR: 305. Staff.

303. Cataloging and Classification. Three hours.

An introduction to principles of cataloging and classification, with practice in cataloging and classifying many types of books used in school libraries. PR: O. A. 101, or its equivalent. Staff.

305. Selection and Use of Secondary School Library Materials. Three hours.

This course is designed to aid teachers in the effective use of school libraries as an instrument of instruction. Sources of information about books, other printed material and audio-visual aids, and their use in the secondary school curriculum are studied. Staff.

306. Reference and Bibliography. Three hours.

A study of basic reference books, especially those useful in school libraries. Problems in evaluating and using reference books and in bibliography making. Staff.

404. Practice Work. Two-three hours.

Individual work based on student's previous experience and related to student teaching when possible. PR: 302, 305; O. A. 101, or its equivalent. Staff.

MATHEMATICS

Mr. LaRue, Miss Musick

110. **Introduction to College Mathematics.** Three hours.

A survey course covering the preliminary concepts of the different branches of mathematics. PR: Consent of the instructor. Staff.

111. **Intermediate Algebra.** Three hours.

PR: One unit of high school algebra. Staff.

121. **Solid Geometry.** Three hours.

PR: Plane Geometry. Staff.

221. **College Algebra.** Three hours.

PR: Math. 111, or one and one-half units of high school algebra. Miss Musick.

231. **Plane Trigonometry.** Three hours.

PR: Math. 111, or one and one-half units of high school algebra. Mr. LaRue.

251. **Analytical Geometry.** Four hours.

PR: Math. 221 and 231. Miss Musick.

310. **Mathematics for Teachers.** Two hours.

This course is designed to meet the mathematics requirement for the certification of elementary teachers. The course will include an intensive review of the fundamental processes involved in the solution of problems in arithmetic. The principles of learning will be stressed through the use of various techniques as applied to number and quantity. PR: Ed. 203 and demonstration by test of satisfactory competence in arithmetic. THIS COURSE CANNOT BE USED AS MATHEMATICS CREDIT TOWARD CERTIFICATION FOR TEACHING MATHEMATICS IN HIGH SCHOOL. Staff.

321. **Differential Calculus.** Four hours.

PR: Math. 121, 251. Mr. LaRue.

331. **Integral Calculus.** Four hours.

PR: Math. 321. Mr. LaRue.

341. **Theory of Equations.** Three hours.

PR: Math. 331.

361. **Higher Algebra.** Three hours.

This course includes determinants, and the theory of integers, real and complex numbers, groups, rings and fields. Miss Musick.

372. **Solid Analytical Geometry.** Three hours.

PR: Math. 321. Mr. LaRue.

381. **Statics.** Three hours.

PR: Physics 210, Math. 321, Corequisite, Math. 331. Mr. LaRue.

391. **Introduction to Analysis.** Three hours.

Course includes: The real number system, functions, limits, sequences, series, differentiation, integration, and some elementary set theory. PR: Math. 331. Mr. LaRue.

401. **Differential Equations.** Three hours.

PR: Math. 331. Mr. LaRue.

411. **Advanced Calculus.** Three hours.

PR: Math. 331. Mr. LaRue.

451. **History of Mathematics.** Three hours.

This course is designed especially for teachers majoring in mathematics. PR: Math. 331. Staff.

MUSIC

Mr. Wessel, Mr. Montague, Mrs. Palmer, Miss Price

Private instruction in all brass, woodwind and string instruments, as well as voice, piano and organ, is available to all students. Such courses are listed by number in the following descriptions.

101. **Elementary Music, or Music as an Art and a Science.** Three hours.

This course gives the student a background in theory, terminology of music, scale building, rhythm, use of syllables, numbers and letters in music reading, chord construction, and use of the keyboard and autoharp. Two lecture hours and one laboratory hour per week. Required of all elementary teachers. Miss Palmer, Miss Price.

102. **Music Materials and Procedures.** Three hours.

This course includes materials, methods and procedures for carrying out the music program in the elementary grades one through six. PR: Music 101. Miss Price.

103-104. **Organ** One hour.

One thirty minute lesson per week. The program of study will be fitted to the individual needs of the student. One hour of private practice per day is required for each thirty minute lesson. PR: Permission of the instructor. Mrs. Palmer.

105. **Class Piano.** One hour.

This course is designed for all students interested in beginning piano. This course will be conducted as a class with each member being afforded opportunity for participation. Staff.

106. Class Piano. One hour.

A continuation of 105. PR: 105. Staff.

107-408. Piano. One hour.

One thirty minute lesson per week. See further under music 103-404. Mrs. Palmer, Mr. Montague.

109. Theory. Four hours.

This course is designed especially to meet the theory requirements of music majors and minors. Development of the musical thought processes is obtained by correlating keyboard harmony, dictation, sight-singing, and part-writing. Each element is presented according to the following plan: theoretical discussion; experience by creating the element (keyboard and sight-singing); dictation (aural perception); artistic application (composition). Mr. Wessel

110. Theory. Four hours.

A continuation of 109. PR: 109. Mr. Wessel.

113. Music Literature. Three hours.

A course primarily designed for freshmen, music majors and minors. The students trace the developments of the various vocal music forms from the earliest inception to the present day. The course is also available to non-music majors with permission of the instructor. Mr. Wessel.

114. Music Literature. Three hours.

A continuation of 113, but pertains to instrumental music. Mr. Wessel.

141-442. Voice. One hour.

One thirty minute lesson per week. See further under Music 103-404. Miss Price, Mr. Wessel.

151-452. Violin. One hour.

One thirty minute lesson per week. Mr. Wessel.

153-454. Viola. One hour.

One thirty minute lesson per week. Mr. Wessel.

155-456. Cello. One hour.

One thirty minute lesson per week. Mr. Wessel.

157-458. String Bass. One hour.

One thirty minute lesson per week. Mr. Wessel.

*165-466. **Men's Chorus.** One hour.

Open to all men students who can sing a part. This course is designed to present a study of choral literature, organization, and administration of a men's chorus. PR: tryout. Mr. Evans.

***169-470. Band.** One hour.

Open to all students who can play an instrument needed to keep a balanced organization. This course is designed to present a study of band literature and administration through participation. PR: tryout. Mr. Montague.

***171-472. Women's Chorus.** One hour.

Open to all women who can sing a part. This course is designed to give the student experiences in varied choral literature. Miss Price.

***173-174. College Choir.** One hour.

Open to all students who can sing a part. This course is designed to present a study of choral literature, and administration through participation. PR: tryout. Mr. Evans.

181-482. Flute. One hour.

One thirty minute lesson per week. Mr. Montague.

***183-484. Clarinet.** One hour.

One thirty minute lesson per week. Mr. Montague.

***185-486. Oboe.** One hour.

One thirty minute lesson per week. Mr. Montague.

***187-488. Bassoon.** One hour.

One thirty minute lesson per week. Mr. Montague.

***189-490. Trumpet or Cornet.** One hour.

One thirty minute lesson per week. Mr. Montague.

***193-494. French Horn.** One hour.

One thirty minute lesson per week. Mr. Montague.

***195-496. Trombone.** One hour.

One thirty minute lesson per week. Mr. Montague.

***197-498. Tuba.** One hour.

One thirty minute lesson per week. Mr. Montague.

*Training in band, chorus and applied music may be taken in each semester of each year. The first year will be numbered 165, 166, the second year 265, 266, etc.

205. Music in Human Relations. Two hours.

A general music course required of all students. Music of composers of the classical, romantic, and modern periods are discussed, and compositions of these composers are heard through the medium of recordings. Miss Price.

209. **Theory.** Four hours.

This course is based upon the contrapuntal harmonic style of composition in the 18th century, with special emphasis placed upon the music of Johann Sebastian Bach. The chorale style, the harmonization of the chorale melody, and the contrapuntal harmonic style will be studied. PR: 110. Mr. Wessel

210. **Theory.** Four hours.

A continuation of 209. PR: 209. Mr. Wessel.

211. **String Class.** One hour.

This course is open to all students with sufficient background in music. A working knowledge of string instruments is attained through class instruction. PR: Music 101. Mr. Wessel.

213. **Brass Class.** One hour.

This course is open to all students with sufficient background in music. A working knowledge of brass instruments is attained through class instruction. Mr. Montague.

215. **Woodwind Class.** One hour.

This course is open to all students with sufficient background in music. A working knowledge of the instruments of the woodwind choir is attained through class instruction. Mr. Montague.

218. **Jazz.** Two hours.

A study of jazz as an element of American culture. Open to all students. Mr. Wessel.

313. **History.** Three hours.

The course consists of a study of music from early times to the Romantic period. Recorded examples are used. Open to all students. Mr. Wessel.

314. **History** Three hours.

A continuation of 313 covering the Romantic and Modern periods. Mr. Wessel.

345. **Conducting.** Two hours.

This course deals with the rudiments of conducting with emphasis placed on choral work. PR: ten hours of Music. Mr. Montague.

346. **Conducting.** Two hours.

A continuation of the techniques of the baton are studied with emphasis placed on orchestral directing. Score reading and elementary orchestration are studied. PR: Music 345. Mr. Montague.

431. **Music Education for Secondary Schools.** Two hours.

This course deals with the techniques involved in music subjects and the development of musical organizations in the Junior and Senior High schools. PR: Music 346. Miss Price.

PHILOSOPHY

Mr. George Ward

200. **Introduction to Philosophy.** Three hours.

A survey of the principal problems arising out of man's attempts to organize his experience and direct his existence.

300. **Logic.** Three hours.

An analysis and exposition of the requirements for justifiable deductive and inductive reasoning. The principles of rational argumentation and inference in scientific method are emphasized.

325. **Ethics.** Three hours.

An historical study of the basis of judging human actions right and wrong, good and bad. The main classical positions are evaluated and the impact of contemporary knowledge upon the central problems of ethics will be discussed.

350. **Comparative Religion.** Two hours.

Description and analysis of the philosophical systems underlying the major non-Christian religions. Attention will be focused upon the historical and psychological development of religious beliefs.

375. **History of Christian Thought.** Two hours.

A survey of the contributions of the more significant thinkers shaping the Christian tradition. The development of some central Christian beliefs will be traced and linked to contemporary viewpoints.

400. **Philosophy of Religion.** Three hours.

A detailed study of man's effort to work out a rationally justifiable religious view of his destiny. Presentation of classical and contemporary problems and solutions is emphasized.

425. **History of Ancient and Medieval Philosophy.** Three hours.

A survey of the progress of philosophy in the West from Classical Greece through the decline of the Medieval systems.

475. **History of Modern Philosophy.** Three hours.

A survey of the progress of philosophy in the West from Descartes to the present.

PHYSICAL EDUCATION

Women's Division—Miss Walters, Miss Barry

Men's Division—Mr. Wilson, Mr. Davis, Mr. Duvall

101. **Freshmen Orientation.** One hour.

Introduction to physical education activities. (W) Staff.

111. **Freshmen Orientation.** One hour.

Continuation of 101. (W) Staff.

115. **Freshmen Orientation.** One hour.
Physical education activities. (M) Mr. Duvall.

116. **Freshmen Orientation.** One hour.
Physical education activities. (M) Mr. Duvall.

117. **Hockey and Soccer.** One hour.
(Women) Miss Walters.

119. **Lacrosse and Softball.** One hour.
(Women).

131. **Beginning Swimming.** One hour.
Elementary swimming skills. Miss Walters.

201. **Football.** One hour.
Theory and practice in fundamentals. (M) Mr. Duvall.

202. **Basketball.** One hour.
Theory and practice in fundamentals. (M) Mr. Davis.

203. **Baseball.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson.

204. **Track.** One hour.
Theory and practice in fundamentals. (M) Mr. Davis.

205. **Golf.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson

206. **Tennis.** One hour.
Theory and practice in fundamentals. (M) Mr. Duvall, Miss Walters.

207. **Wrestling.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson.

208. **Swimming.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson.

209. **Cross Country.** One hour.
Theory and practice in fundamentals. (M) Mr. Davis.

210. **Soccer.** One hour.
Theory and practice in fundamentals. (M) Mr. Wilson

214. **Leadership in Graded Games.** Two hours.

Required for Curriculum C. Miss Barry.

217. **Skill Techniques.** One Hour.

Team Sports for Women. Miss Walters.

219. **Skill Techniques.** One hour.

Team Sports for Women. Miss Walters.

226. **Techniques of Modern Dance.** One hour.

Miss Barry.

231. **Intermediate Swimming.** One hour.

Intermediate swimming skills. Miss Walters.

237. **Fundamentals of Tennis.** One hour.

Beginning skills in tennis. Miss Walters.

271. **Team Sports.** Two hours.

Specialization in physical education activities. (M) Staff.

272. **Individual and Dual Activities.** Two hours.

Specialization in physical education activities. (M) Staff.

313. **Anatomy, Physiology, Kinesiology.** Four hours.

A study of the anatomical structure and physiological functions of human beings, including muscle action and skills. Staff.

316. **Coaching and Officiating: Hockey and Soccer.** Two hours.

PR: 117, 217, 219. Miss Walters.

317. **Stunts and Tumbling.** One hour.

Miss Walters.

319. **Coaching and Officiating: Softball and LaCrosse.** Two hours.

PR: 117, 217, 219. Miss Walters.

320. **Theory of Coaching Football.** Two hours.

Theory and practice. Various systems and styles of play. Mr. Duvall.

321. **Theory of Coaching Basketball.** Two hours.

Theory and practice. Various systems and styles of play. Mr. Davis.

322. **Theory of Coaching Track.** Two hours.

Theory and practice. Practical experience in officiating; administration of track and field meets. Mr. Davis.

323. **Theory of Coaching Baseball.** Two hours.
Theory and practice. Practical experience in officiating. Mr. Wilson.

325. **Folk Dancing.** One hour.
Miss Barry.

326. **Advanced Modern Dance.** One hour.
Miss Barry.

327. **Coaching and Officiating: Volley Ball and Basketball.** Two hours.
PR: 117, 217, 219. Miss Walters.

329. **Officiating Football and Basketball. (M)** Two hours.
Rules; techniques of officiating; and laboratory work. Mr. Duvall.

330. **Advanced Swimming.** Two hours.
PR: 231 or permission of instructor. Miss Walters.

331. **Life Saving and Water Safety.** Two hours.
PR: 330 or permission of instructor. Miss Walters.

337. **Advanced Tennis. (M. & W.)** One hour.
Advanced strokes and participation in tournament play. Mr. Duvall.

351. **History and Principles of Physical Education.** Two hours.
Foundation of physical education. Miss Walters.

361. **Methods in Physical Education.** Two hours.
Open to P. E. majors only. Miss Walters.

365. **Activities Assisting. (M. & W.)** One hour.
Staff.

366. **Community Activities. (M)** One-two hours.
Physical conditioning class for off-campus students only. Staff.

417. **Advanced Stunts and Tumbling.** One hour.
PR: 317. Miss Walters.

425. **Children's Rhythms. (M. & W.)** One hour.
Miss Barry.

461. **Organization and Administration of Physical Education. (M. & W.)**
Three hours.
Mr. Wilson.

PHYSICAL SCIENCE

Mrs. Ford, Mr. Haught, Mrs. Swiger

The two courses in General Physical Science are organized to provide students a survey of the field of the physical sciences. These courses should not be scheduled by students who plan to include physics and/or chemistry in their programs.

201. **General Physical Science.** Three hours.

A survey of the subjects of mechanics, heat, sound, light, and electricity. No credit is allowed if credit in physics is earned.

202. **General Physical Science.** Three hours.

A survey of the elements of chemistry, geology, and astronomy.

PHYSICS

Mrs. Ford.

101. **Introduction to Physics** Four hours.

A course designed for predental, premedical, and teaching curricula. It should not be scheduled by students in engineering or those with a major or minor in physics. A two-hour laboratory period each week supplements the three lecture-recitation periods. Elementary principles of mechanics, sound, and heat are studied in this course.

102. **Introduction to Physics.** , Four hours.

A continuation of 101; includes a study of magnetism, electricity, and light.

201. **Demonstrations in Physics.** Two-three hours.

Effective use of everyday materials to illustrate physical phenomena, experience with a variety of lecture equipment, and practice in planning and executing demonstrations describe the nature of this course. It is designed to serve teachers in both the elementary and secondary schools. PR: Consent of the instructor is sufficient, but a course in one of the physical sciences is highly recommended.

210. **General College Physics** Five hours.

This course is offered primarily for students in Engineering and those with majors or minors in physics. Pre- or corequisite: calculus. Not open to students with credit in Phys. 101 or 102. Mechanics, sound, and heat.

211. **General College Physics.** Five hours.

Continuation of Phys. 210. Pre- or corequisite: calculus. Magnesium, electricity, and light.

310. **Electricity and Electronics.** Four hours.

This course includes static electricity, direct and alternating current theory and means of transforming electrical power. The theory of the vacuum tube and electronics is introduced. Four hours laboratory and two hours lecture each week is required.

320. **Mechanics.** (Alternates annually with 420) Three hours.

A course in mechanics applied to the study of particles and objects in space with the general principles of astronomy and the information of rotating systems in the universe. General theories of the universe and experimental facts will be presented in an elementary manner.

321. **Mechanics.** (Alternates annually with 421) Three hours.

A continuation of 320.

340. **Special Problems.** Two-three hours.

Individual studies by advanced students of problems of special interest in the field of physics. PR: Physics 210, 211, or equivalent; Math. 321. 331.

420. **Introduction to Atomic Physics.** (Alternates annually with 320). Three hours.

This course deals with the study of charged particles, ionization, and conduction of electricity through gases, electromagnetic radiation, and the theory of atomic structure.

421. **Introduction to Atomic Physics.** (Alternates annually with 321). Three hours.

A continuation of 420.

POLITICAL SCIENCE

Mr. Lawrence and Staff

101. **Fundamentals of Political Science.** Three hours.

An introduction to the theory of political science. Mr. Lawrence.

103. **American National Government.** Three hours.

A survey of American government devoted to the consideration to the origins, constitutional basis, and functions of the Federal System. Staff.

203. **Comparative Government.** Three hours.

A survey designed to give a broad general acquaintance with the political institutions and government practices of certain other nations. Mr. Lawrence.

206. **American State and Local Government.** Two hours.

Investigation of the functions of government as performed on the state and county level. Staff.

207. **American Municipal Government.** Two hours.

Investigation of the functions of government as performed in urban areas. Staff.

301. **Special Studies in Political Science.** Credit to be arranged.

Entrance by consent of the department. Mr. Lawrence.

303. Political Parties. Three hours.

A study of the origins, growth, and development of the American political party. PR: Pol. Sci. 302. Staff.

304. American Constitutional Government. Three hours.

A study of the constitutional development of the American Federal System. Mr. Lawrence.

305. American Diplomacy. Three hours.

Problems of organization and policy in the formation and execution of American foreign policies. PR: Pol. Sci. 302. Staff.

307. History of Political Thought. Three hours.

A survey of the field of political thought from Plato to Kelsen, tracing the evolution of modern concept. PR: Pol. Sci. 101 or consent. Mr. Lawrence.

308. Mediaeval Political Thought and Institutions. Three hours.

A study of the political thought of the Middle Ages, as related to the development of modern institutions. Mr. Lawrence.

309. The Growth and Development of Law. Two hours.

A study of the history of Law, including the Civil Law, the Common Law, and allied systems. Mr. Lawrence.

310. English Constitutional Law. Two hours.

The development of the Common Law and the English Constitution. PR: History 307, 308, or consent of the department. Mr. Lawrence.

406. International Problems. Three hours.

The foreign policies of the nations and the machinery established and functioning for the peaceful adjustments of international differences. PR: Pol. Sci. 103, or consent. Staff.

407. The Legislative Process. Two hours.

Sources of information, methods of law-making, pressures employed and results achieved by legislative bodies. PR: Pol. Sci. 103. Staff.

408. The Judiciary. Two hours.

The historical development, composition, duties, and practices of the American courts, with emphasis on the Federal System. PR: Pol. Sci. 103. Mr. Lawrence.

409. The Administrative Process. Two hours.

The organization, selection, classification, financing, conduct and control of public administration. PR: Pol. Sci. 103. Staff.

462. Introduction to Methods of Research and Bibliography. Three hours.

It is the purpose of this course to give the student some training in the science of research and bibliography.

PSYCHOLOGY

Mr. George Ward, Mr. Martin

103. General Psychology. Three hours.

An elementary introduction to the viewpoint, methods and principles of the science of behavior. Lectures, class projects and class-room demonstrations.

104N. Psychology for Nurses. Two hours.

Open only to student nurses of Fairmont General Hospital. Mr. Martin.

300. Principles of Behavior. Three hours.

A basic course in the experimental analysis and demonstration of the laws discoverable in the behavior of organisms. Laboratory study of animal and human behavior will be conducted. Two hour lecture, two hour laboratory weekly.

320. Genetic Psychology. Three hours.

A comparative and developmental study of the course of human advance from conception to senility. Developments in psychological characteristics and their associated physiological mechanisms will be emphasized. Three hour lecture weekly.

340. Discrimination and Motivation. Three hours.

A second course in experimental psychology dealing with: design of experiments, elementary statistical techniques, discrimination and motivation in behavior and their physiological bases. Two hour lecture, two hour lab. weekly.

360. Behavior Socialization. Three hours.

Normal and abnormal development of the individual personality. Social and verbal behavior, behavior organization and disorganization are considered in terms of available experimental materials. Three hours lecture weekly.

401. Test and Measurements. Three hours.

Theory and practice in the construction, administration and interpretation of measures of psychomotor performance, intelligence, aptitude and personality. Three hours lecture weekly.

430. Methods of Research in Psychology. Three hours.

Lectures and discussions of experimental and statistical techniques and their application to typical problems of psychological research. Three hours lecture weekly.

450. Systematic Psychology. Three hours.

The historical background and contemporary situation in the development of psychology as a systematic, natural science. A presentation of major viewpoints and schools of psychology will be supplemented by critical evaluation. Three hours lecture weekly.

RECREATION

Mr. Davis and Staff

126. **Rhythmic Activities.** One hour.

Includes fundamental rhythms, social mixers, and social dancing. Miss Barry.

241. **Introduction to Recreation.** Two hours.

A general survey of recreation systems, trends, policies, problems, and procedures for students interested in field of recreation. Mr. Davis.

324. **Archery and Badminton.** One hour.

Care and selection of equipment and participation. Miss Barry.

325. **Square Dancing.** One hour.

American squares, quadrilles, and longways dances. Miss Walters.

336. **Co-Recreational Activities.** Two hours.

Experience in supervising and organizing co-recreational activities. Open to majors and minors. Miss Barry.

339. **Bowling.** One hour.

Participation. Miss Walters.

341. **Workshop and Recreation Institutes.** Two hours.

Expert demonstrations, lectures by outside authorities. Mr. Davis, Staff.

344. **Recreational Leadership.** One-three hours.

Organizing and directing group activities. Mr. Wilson.

345. **Practice Leadership — Summer.** Two hours.

Carefully planned observation trips to recreational centers and playgrounds with training periods. Mr. Davis.

346. **Theory of Recreation.** Two hours.

Nature and function, theory and problems, familiarizing students with recreation. Staff.

347. **Leisure in Modern World.** Staff.

442. **Camping and Youth Organization.** Two hours.

A study of camping movement, outdoor education, and organizations serving youth. Mr. Davis.

443. **Community and Industrial Recreation.** Three hours.

Organization and supervision of recreation for community and industrial groups. Mr. Davis.

445. **Organization and Administration of Playgrounds and Recreation.** Three hours.

A study concerning the administration and organization of playgrounds and recreation in the community and problems vital to operation. Mr. Davis.

SECRETARIAL STUDIES

Mr. Dunn, Mrs. Pinto

100. **Typing for Teachers.*** Two hours.

A course designed for Education majors and those already teaching school. This is a course in the fundamentals of typewriting, preparing typewritten examinations, stenciling, mimeographing and other typing problems of a teacher. No credit by examination. Not opened to Secretarial or Business majors. Staff.

101. **Beginning Typewriting.*** Two hours.

A beginning course in the fundamentals of the typewriter. This course includes basic machine operations, development of speed and control, vertical and horizontal centering, simple tabulation, memorandums, personal business letters, announcements, simple manuscripts, rough drafts and proof-readers marks. No credit by examination. Staff.

102. **Advanced Typewriting.** Two hours.

PR: S.S. 101 or one year of high school typing or the equivalent. This course includes the development of speed, control, and sustained typing, business letters, envelopes, tabulated reports, manuscripts, and simple business forms. No credit by examination. Staff.

201. **Beginning Shorthand.*** Four hours.

A beginning course in Shorthand. Introduction of theory and brief forms of Gregg Simplified Shorthand. Emphasis is on reading and writing of Shorthand. No credit by examination. Mrs. Pinto.

202. **Beginning Shorthand.** Four hours.

PR: S.S. 201 or one year of high school shorthand. Continuation of S.S. 201. Emphasis is on the writing of Shorthand from dictation at a minimum of 80 words per minute. No credit by examination. Mrs. Pinto.

211. **Vocational Typewriting.** Two hours.

PR: 102. An advanced course in typewriting adapted to office procedures. This course includes the typing of telegrams, cards, statistical reports, tabulation, business letters with tabulated data, invoices, requisitions, typing of special reports, legal documents, mimeographing, and sustained typing. No credit by examination. Mrs. Pinto.

251. **Business Correspondence.** Two hours.

PR: S.S. 102, English 102, 104. An analysis of the physical mechanics of the business letter. This course includes the writing of effective business letters in sales, collection letters, letters of application, telegrams, cablegrams, business reports, and post office services. No credit by examination. Mrs. Pinto.

301. Advanced Shorthand and Transcription. Four hours.

PR: S.S. 202. Advanced reading and dictation. Emphasis is on writing shorthand at a minimum speed of 100 words per minute. Spelling, punctuation, and sentence structure is stressed. Departmental and vocational dictation and transcription are included. No credit by examination. Mrs. Pinto.

302. Advanced Shorthand and Transcription. Four hours.

PR. S.S. 301. A continuation of S.S. 301. Emphasis is on dictation at a minimum of 120 words per minute. A complete review of theory principles and brief forms. Experience in Congressional dictation. No credit by examination. Mrs. Pinto.

311. Office Machines and Filing. Two hours.

An orientation and practice course for students in the Business or Secretarial studies areas. The course includes a study of filing practices and procedures used in modern offices. Approximately two-thirds of the course time is given to practice with representative calculating, duplicating, and transcribing equipment. No credit by examination. Staff.

341. Dictation and Transcription. Two hours.

PR: Consent of Instructor. A review of dictation with emphasis on timed transcription from own notes. No credit by examination. Mrs. Pinto.

351. Secretarial Office Practice. Three hours.

PR: S.S. 211, 302. A practical course with actual experience in office work. A minimum of 6 hours per week in supervised office work is required for credit in the course. Previous work experience cannot fulfill this requirement. Mrs. Pinto.

*Not open to students with high school credit in typing or shorthand. Students with high school credit in these courses will not receive credit for S.S. 100, 101, or 201 by attendance in course.

SOCIAL SCIENCE

Mr. Gray, Mr. Elliott

201. Fundamental Social Problems. Three hours.

A study of the major areas of human relationships out of which social problems develop in modern society. These areas include culture, population, communication, family, economic activity, religion, government, and social welfare. Specific problems will be selected for detailed analysis.

202. Fundamental Social Problems. Three hours.

A continuation of Social Science 201. PR: Social Science 201.

SOCIOLOGY

120N. Sociology for Nurses. Two hours.

A course designed to teach the concepts of human association and culture to young women planning to enter the nursing profession. The group organization of society and social processes affecting social relationships will be stressed. Open only to nursing students.

220. **Introductory Sociology.**

The origin, development, structure, and function of culture and society will be studied. A basic course to the study of Social Interaction and group life. Credit will not be given in this course to students who have taken Social Science 201 and 202. Students who have taken this course may substitute it for Social Science 201 as a prerequisite for Social Science 202.

301. **Anthropology.** Three hours.

A study of human biological and social origins, including human pre-history, race, the origin and nature of culture, social organization among preliterate peoples, cultural diffusion, and culture change.

310. **Marriage and The Family.** Three hours.

A study of the background, organization, and functions of the American family. Courtship, marriage, marriage adjustment, parenthood, family disorganization and the effect of social change upon the family will be studied.

320. **Rural Sociology.** Three hours.

A study of the characteristics of rural society including its culture, social relationships, and institutions. Rural society is studied in comparison with urban society as a part of American Society. PR: Soc. 220 or Soc. Sci. 201 and 202.

330. **Urban Sociology.** Three hours.

A study of the characteristics of urban society including its culture, social relationships and institutions. Urban society is studied in comparison with rural society as a part of the American Society. PR: Soc. 220 or Soc. Sci. 201 and 202.

340. **Juvenile Delinquency.** Three hours.

A study of what our society defines as delinquent behavior and of the young people designated as delinquents. Emphasis will be placed on the causes of delinquency and on the various techniques and methods of prevention, treatment, and rehabilitation. PR: Soc. 220 or Soc. Sci. 201 and 202.

360. **The Field of Social Work.** Three hours.

A study of the history and development of social work with special emphasis upon modern social work agencies and the services which they render. Various types of social work will be considered from the standpoint of the prospective social worker. PR: Soc. 220 or Soc. Sci. 201 and 202.

403. **Social Psychology.** Three hours.

A study of social structure and social interaction. Techniques of leadership and control will receive special study. PR: Soc. Sci. 201 and 202, or Soc. 220, or Psyc. 203 or 204.

420. **Educational Sociology** Three hours.

A study of cultural organization and cultural processes as applied to the modern day school and community. A course especially designed for teachers in service. Offered during Summer sessions and evening classes.

430. Community Organization. Three hours.

A study of the structure and function of the various social groupings found in the community. The course is oriented toward the development of community leadership talent. PR: Soc. 220 or Soc. Sc. 201 and 202.

440. Population Problems. Three hours.

A study of the social implications of changing birth and death rates; causes of growth and decline of population; relation of population to natural resources; and the influence of population movement upon cultural change and the growth of nationalism. PR: Soc. 220 or Soc. Sci. 201 and 202.

450. Minority Groups. Three hours.

A study of racial and cultural minority groups in the United States with special emphasis upon understanding the cause of their persistence and the reason for majority-minority antagonisms. A study of the techniques whereby prejudices are developed and reduced will be made. PR: Soc. 220 or Soc. Sci. 201 and 202.

462. Introduction to Methods of Research. Three hours.

It is the purpose of this course to give the student elementary training in the common methods of social science research and the development of bibliographies. PR: Soc. Sci. 111, 112, 201, 202 and 9 hours of upper level Sociology courses.

490. Seminar: Special Problems in Sociology. One to Three hours.

Open only to Juniors and Seniors majoring in Sociology. Reading and research on subjects suited to the student's need. Total hours limited to six. No more than three hours in any one semester.

499. Seminar: Social Theory. Three hours.

A study will be made of the development of Social Theory with special emphasis upon Contemporary Theory. PR: Junior standing with 12 hours of Sociology.

SPANISH

Miss Terry

101. Elementary Spanish. Three hours.

Grammar, pronunciation, composition, conversation, translation. No credit toward graduation is given for Spanish 101 without 102.

102. Elementary Spanish. Three hours.

PR: Spanish 101 or one year of high school Spanish.

201. Modern Spanish. Three hours.

Rapid reading, grammar and conversation. PR: Spanish 101 and 102 or two years of high school Spanish.

202. Modern Spanish. Three hours.

PR: Spanish 201.

301. **Nineteenth Century Literature to 1870.** Three hours.

Lectures, selected reading and reports. Conducted in Spanish.

302. **Nineteenth Century Literature.** Three hours.

Spanish literature from 1870. Conducted in Spanish.

327. **Advanced Conversation and Composition.** Three hours.

340. **Spanish American Literature.** Three hours.

Study of Spanish American history and culture through its literature. Conducted in Spanish.

421. **Literature of the Golden Age.** Three hours.

Cervantes and Lope de Vega. Conducted in Spanish.

422. **Literature of the Golden Age.** Three hours.

Calderon de la Barca, Tirso de Molino and Alarcon.

430. **Spanish Civilization and Culture.** Three hours.

SPEECH AND DRAMATICS

Mr. Wallman, Miss Lough, Mr. Rhodes, Mr. Turley, Mr. McTeague

101. **Fundamentals of Speech.** Two hours.

This course includes the elementary phases of oral language training. Reading aloud, short speeches, enunciation, pronunciation, parliamentary procedure. Required of Speech Majors. Staff.

105. **Voice and Diction.** Two hours.

This course includes a study of drills for developing proper breath support for producing a strong, flexible, resonant voice, with exercises aimed to acquire facility in using a pleasant standard speech; stressing coordination of mind and voice. Articulation and enunciation. Required for Speech Majors. Staff.

120. **Theatre Appreciation.** Two hours.

Open to all students. Study in the appreciation of drama as it occurs in modern life; on stage, in movies, radio and television. Mr. McTeague.

151. **Play Production.** Two hours.

Play production methods for the educational theatre. Stage management, scenery, and staging of plays. Mr. McTeague.

152-452. **Theatre Workshop.** Variable.

Actual laboratory work on the various collegiate dramatic presentations. Scenery design and construction, lighting, properties, costuming, etc. PR: Speech 151 or permission of instructor. Staff.

211. **Public Speaking.** Three hours.

Study and application of principles of practical public speaking. Training in composition and effective delivery of speeches and in skill in thinking and speaking before an audience. Open to all students but primarily for Pre-Professional students. May be substituted for Speech 101. PR: Eng. 104.

243. **Debate.** Two hours.

Theory and practice of argumentation and debate. Should be taken by those students desiring to participate in inter-collegiate debate. Required of Speech Majors. Miss Lough.

244. **Intercollegiate Debating.** Variable credit.

245. **Oratory.** Variable credit.

A study of the structure, aims and principles of writing orations and the delivery of them. Miss Lough.

251. **Acting.** Two hours.

Acting in numerous one-act plays. Mr. McTeague.

301. **Make-up.** One hour.

A course in the fundamentals of applying stage make-up, including laboratory and practical experience in school production. Designed for students interested in dramatic production. Mr. McTeague.

301L. **Advanced Make-up.** One hour.

Laboratory and practical experience. PR: Speech 301. Mr. Turley.

313. **Interpretation of Shakespeare.** Two hours.

A study of representative Shakespearean comedies. Mr. Rhodes.

314. **Interpretation of Shakespeare.** Two hours.

A study of representative Shakespearean tragedies. Mr. Rhodes.

318. **Modern Drama.** Three hours.

The history of the British drama and the study of modern dramas—British, Continental and American. Miss Tate.

320. **Scenic Construction.** Two hours.

A laboratory course in the designing and construction of stage scenery and lighting. Staff.

330. **Fundamentals of Radio Speech.** Two hours.

A familiarization course in modern studio practice, use of broadcasting and recording equipment, and preparation of programs, with some work in radio speech and announcing. Mr. Turley.

334. **Radio Production.** Two hours.

Production of and participation in actual broadcasts. A study of the techniques used in programming, continuity writing, music, cues, sound effects, and directing. PR: 2 hours of Speech or permission of instructor. Mr. Turley.

334L. **Radio Production.** One hour.

Continuation of 334 with extensive studio practice. Mr. Turley.

336. **Play Directing.** Two hours.

Selection of plays suitable to high school presentation, interpretation and directing problems. Required of Speech Majors. Mr. McTeague.

336L. **Play Directing (Laboratory.)** One hour.

Direction and presentation of a one act play. Required of Speech Majors. PR: Speech 336. Mr. McTeague.

337. **Effective Speaking.** Two hours.

This course is designed to give students training in the art of preparing and delivering public speeches. Required of Speech Majors. Mr. Wallman.

340. **Business and Professional Speech.** Two hours.

Designed to give students training in the art of preparing and delivering speeches occurring in specific businesses and professions. Night School only. May be substituted for Speech 337 requirement. Mr. Wallman.

401. **Extemporaneous Speaking.** One hour.

This course is designed to give students training for intercollegiate competition in this field. Miss Lough.

421. **Poetry Interpretation.** Three hours.

Oral interpretation of poetry with some practice in choric speech. Mr. Rhodes.

430. **Speech Correction.** Three hours.

Study and recognition of speech defects. Exercises for correction and treatment of minor defects. Required of Speech Majors. Miss Lough.

ZOOLOGY

Mr. Davisson, Mrs. Quintrell, Staff

110N. **Introduction to Human Anatomy and Physiology.** Four hours.

An introductory course dealing with the anatomy and functions of man. Open to nurses only. Mrs. Quintrell.

315. **Field Zoology.** Three hours.

Primarily for those who teach or intend to teach biology. This course aims to familiarize students with the animal life of the state and its natural surroundings and includes the collection, identification, and study of habits of the various forms found in this region. PR: Biol. 101-102, or equivalent. Mr. Davisson.

320. **Invertebrate Zoology.** Four hours.

Facts and principals fundamental to an understanding of the invertebrate animals. This course is designed for majors in zoology or biology and pre-medical students. Mr. Davisson.

321. **Vertebrate Zoology.** Four hours.

A continuation of Zoology 320. Mr. Davisson.

322. **Ornithology.** Two hours.

Field and laboratory studies on the structure, identification, migration, protection, nesting, and food habits of birds. Mr. Davisson.

350. **Comparative Anatomy of Vertebrates.** Four hours.

Organ systems of various vertebrates and facts of interest concerning these animals. Mr. Davisson.

410. **Histological Technique.** One-four hours.

Preparation of animal tissues for microscopic study. Mrs. Quintrell.

411. **Histology.** Two-three hours.

The study of animal tissues. Mrs. Quintrell.

415. **Problems in Zoology.** One-four hours.

This course is designed for students who have a specific problem in the field of Zoology. Open only to students of superior ability who have at least 20 hours credit in the field of biology. Staff.

420. **Vertebrate Embryology.** Four hours.

Introductory study of the development of the vertebrates, dealing chiefly with the frog, chick, and mammal. Mrs. Quintrell.

450. **Human Physiology.** Four hours.

An introductory course dealing with the functions of man. Mrs. Quintrell.

STUDENT WELFARE

STUDENT PERSONNEL SERVICES

Fairmont State College maintains many services of great value to all students. With the aim of assisting each student to adjust to his school environment and gain the most from his college experience, a centrally organized student personnel program is provided by the Office of Student Affairs. The many services include: housing for men and women; freshman orientation; testing; counseling; remedial assistance in reading, study habits, and other fields where a need is apparent; guidance in social affairs and campus activities; placement services for graduating seniors; and, the provision of financial assistance to students through part-time employment and loan funds.

HOUSING FOR MEN

The college provides housing facilities for a limited number of single men in veterans' housing units. There are also a limited number of facilities for married veterans in one- and two-bedroom apartments. These units are partially furnished. Preference is given to veterans in the veterans' housing units.

A file of other approved housing facilities for single and married men is maintained in the Office of Student Affairs. Reservations for rooms off the campus are not made by the college. Reservations for veterans' housing units are made at the Office of Student Affairs.

HOUSING FOR WOMEN

Morrow Hall is the residence hall for women students on the campus. It houses 65 women under a program of self-government, supervised by a trained house director. This is an attractive, well-equipped building providing pleasant social rooms, sleeping and study facilities, a laundry room, and a dining room where meals are provided for the residents.

To reserve a room in Morrow Hall a room deposit fee of $10 is required. It is advisable to send this deposit as soon as possible to the Office of the Dean of Women. The fee is refunded within sixty days after the close of each term or school year minus any charges for loss of key, room damage, or unpaid dormitory fees.

The fee will be forfeited:

If a student withdraws from the dormitory after the opening of the school term.

If a student does not notify the Dean of Women of the cancellation of room reservation at least 15 days before the opening of the school term.

If a student fails to present her checkout slip to the Cashier's office within 10 days after leaving the dormitory.

See page 16 for a description of fees. Economic conditions may require changes in the room and board rates.

The following rules governing women's housing are in effect:

All freshmen women who do not live at home are required to live at Morrow Hall, unless other arrangements are made with the Dean of Women.

No upperclass woman will be permitted to live in other quarters, except her own home, until Morrow Hall is fully occupied, or unless other arrangements are made with the Dean of Women.

If there are no vacancies in the dormitory and a student must live off campus, she must contact the Dean of Women before renting a room. A file of approved rooms for rent to women students is maintained in the Dean of Women's Office.

TESTING AND COUNSELING

The Office of Student Affairs provides a testing and counseling service designed to assist students in making more intelligent personal, academic, and vocational choices. Trained personnel are maintained to administer and interpret tests. For the most part students seek this service voluntarily. Special remedial assistance is available to students who are deficient in reading, vocabulary, and study habits.

PLACEMENT SERVICE

This service is available to all persons graduating from the college and to those who receive teaching certificates through its recommendation. All seniors are urged to register prior to graduation. Alumni who hold degrees or certificates are welcome to register. Assistance in placement in all fields of employment relative to occupational instruction furnished by Fairmont State College is offered. A job clinic of instruction on applying for jobs is provided.

FRESHMEN ORIENTATION

Freshmen and transfer students arrive on the campus in advance of the upperclass students. During a week's period they become acquainted with the campus, buildings, and equipment, student activities they will be joining, and are given tests which are for the purpose of assisting them in getting properly placed in their college courses and major fields of study. After scheduling classes in consultation with faculty advisers, they become formally registered for their first year of college work. Throughout the orientation period freshmen are assisted and guided by trained student counselors who are sympathetic with their special problems.

ADVISER SYSTEM

Each student is assigned an academic adviser at the time of his first enrollment in Fairmont State College. The student's academic adviser is the chairman or a staff member of the department in which the student has chosen his major field of study.

If the student desires to change his major field of study, he should contact the Student Personnel Director for assignment to the appropriate adviser. Students who are not ready upon entrance to select a major department will be assigned to special advisers by the Student Personnel Director.

It is to his academic adviser that a student will take all problems relating to course requirements, class schedules, pre-registration, and registration. Mid-semester grade reports are issued to students by their advisers.

GENERAL REGULATIONS

Fairmont State College expects its students to observe the standards of good citizenship both on and off the campus. Regulations of the State Board of Education empower the president and faculty to take such steps as may be needed to enforce these standards.

SCHOLARSHIPS, LOAN FUNDS AND OTHER STUDENT AID

The scholarship and loan funds of Fairmont State College are available to worthy undergraduates who need assistance in meeting their college expenses.

All funds are administered by the Scholarship and Loan Committee, unless otherwise indicated. Applications for scholarships and loans should be made to the Dean of Women.

LOANS

The Claude Worthington Benedum Loan Fund.

The Benedum Foundation of Pittsburgh has established a loan fund which permits worthy sophomores, juniors, and seniors who are bona fide residents of West Virginia to borrow a maximum of $300 in any one school year. The loan matures not later than three years after last date of attendance at the college. No interest is charged while a student is in college.

The Service Clubs Unrestricted Loan Fund.

This fund is available to sophomore, junior, and senior students who are worthy of financial assistance.

The Fairmont State College Scholarship Loan Fund of the American Association of University Women.

This fund, established by the Fairmont Branch of the American Association of University Women, is available to junior and senior women who have good character records, an average of at least "B" for their first two years in college and are able to give good security.

Louise West Hite Loan Fund.

In 1929, Mrs. R. M. Hite gave the college $1,000 to be used as a loan fund to help women students complete their course of study.

Fairmont State College Student Loan Fund.

This fund was established by the "Class of 1912" to issue loans to worthy students of the college.

Myrtle Rice Leonard Loan Fund.

This fund was established from the Louise Leonard Estate for use as loans to worthy students needing small amounts of money to tide them over in emergencies.

American Association of University Women.

This fund was established in 1951 for loans to college women.

Dramatic Scholarship Fund.

This fund was established by a grant from the Woman's Club of Fairmont and is available to students especially interested in dramatics. The loan is to be used for tuition and is available each year to one man and one woman student. Application is made with the Chairman of the Speech and Dramatics Department.

SCHOLARSHIPS

The Claude Worthington Benedum Freshman Scholarships.

The Benedum Foundation of Pittsburgh makes an annual grant of $1,000 to the college for the purpose of aiding worthy graduates of West Virginia high schools to begin a college education. These scholarships, awarded on the basis of grades, activities, character, and financial need, amount to $125 to $250 for the freshman year only.

West Virginia State Board of Education Elementary Teacher Scholarships.

Five of these scholarships are offered to West Virginia students majoring in elementary education. Awarded on the basis of grades, aptitude for teaching, personality, economic status, and interest, these scholarships amount to the remission of tuition and fees for four consecutive years following graduation from high school. The recipients must pledge to teach in West Virginia elementary schools for four years following graduation from college.

Benevolent and Protective Order of Elks Scholarship.

This scholarship, in the amount of $100, is awarded to a college student on the basis of scholarship, character, and financial need.

Kiwanis Club Journalism Scholarship.

This scholarship, made available by the Kiwanis Club of Fairmont, amounts to $100 per year. The recipient writes local news releases of the club meetings. Applicants should have had some journalism courses or experience in reporting.

WORKING SCHOLARSHIPS

Among the several work scholarships available are:

(1) Assistant to Director of Public Relations, cash value $200 per semester.

(2) Director of Sports Publicity (preparation of sports news), cash value $200 per semester. Those interested must apply in person to the Director of Public Relations.

(3) Editor of **The Columns**, cash value $75 per year.

(4) Business Manager of **The Columns**, cash value $75 per year.

(5) Editor of **The Mound**, cash value $75 per year.

(6) Business Manager of **The Mound**, cash value $75 per year.

PART-TIME EMPLOYMENT

Opportunities are provided for many students who seek financial assistance through part-time employment. A registry of part-time jobs, available both on and off campus, is maintained in the Office of Student Affairs. On the college campus, students find employment in clerical work, library work, assisting instructors, kitchen and dining room work, maintenance, and other similar activities.

The Office of Student Affairs assists students in finding part-time employment off campus. Many students work in stores, factories, garages, filling stations, and private homes.

REGULATIONS FOR STUDENT AID AND OTHER EMPLOYMENT

1. Students employed on the student aid basis may not be employed ordinarily for more than seventy-five hours in any one month. In exceptional circumstances, and when approved by the Committee on Student Aid, students may be employed to a maximum of ninety hours per month.

2. Students enrolled for more than six semester hours may not be employed by the College except on the student-aid basis.

3. Full-time employees of the College may not enroll for any academic work other than that obtainable outside of their regular work schedule.

4. The awarding of scholarships, student loans, and student employment, including assistance to athletes, is handled through the Office of Student Affairs. All employed students, including athletes, are required to give full and honest work for pay received.

STUDENT AUTOMOBILE REGULATIONS

Because of the large number of cars used by students, traffic on the college campus is seriously congested. In the interest of safety and service rigid regulations have become necessary. The administration of these regulations is in the hands of a Traffic Committee. All parking is limited to defined areas and restricted parking is established in certain areas.

All cars operated by students must be registered and identified by campus registration stickers.

Each student using an automobile on the campus is expected to be familiar with the traffic regulations.

SERVICE TO VETERANS

The Fairmont State College Office of Veteran's Coordinator exists to assist veterans in their relationships with the United States Veterans Administration. The Coordinator is prepared to give information concerning the college and the educational and financial benefits offered by the Federal Government. He will also aid veterans in securing suitable housing arrangements either in the veterans' housing units maintained by the college or elsewhere. Veterans request for information should be addressed to the Veteran's Coordinator at the college.

HEALTH SERVICE

All students entering Fairmont State College are required to have a health examination within two weeks after entrance. Appointments for this examination should be made with the Health Service at the time of registration. Failure to comply with the above regulations on the part of the student will result in suspension until regulations have been met.

A certificate from the Health Service stating that the student has complied with the above regulation must be presented by the student to his supervisor in student teaching before he may be assigned to this training.

A physician and registered nurse are available to examine and advise students in matters pertaining to their health. On school days from eight until four o'clock, the college nurse may be found in her office in the Colebank Gymnasium for first aid and for the treatment of minor ailments of students and faculty.

FOOD SERVICE

The College Cafeteria is located in Morrow Hall. Breakfast, lunch, and dinner are served here daily. Menus are carefully planned to provide nutritive diets with an attractive service at a reasonable price.

THE STUDENT UNION

The Student Union occupies both floors of the West Wing of the Administration Building, providing ample space for numerous student gatherings and parties. On the second floor is located the Blue Room, a large and beautifully decorated ball room.

On the ground floor is located The Big Nickel, a non-profit snack bar where soft drinks, coffee, cigarettes, and confections may be purchased. The Big Nickel is student-owned and operated, with all profits being used as the Student Council shall direct.

Next to the Big Nickel is located the general lounge, a large room furnished with tables and chairs and a television set. This room is open daily to students for relaxation and visiting.

All facilities of the Student Union are available to student groups for meetings, parties, dances, and other affairs.

BOOKS AND SUPPLIES

A modern College bookstore is housed in spacious quarters on the ground floor of the Administration Building, adjacent to the area of the student lounge. Here one may purchase textbooks and school supplies of all kinds.

CAMPUS ACTIVITIES

STUDENT GOVERNMENT ORGANIZATIONS

The Student Government Organization is composed of all students regularly enrolled in Fairmont State College. All of its officers are students and all business is conducted by them. Through this organization student programs and many other activities are undertaken. A student activity fee is collected from all students. This fee covers the cost of student activities and entitles the student to attend all athletic contests, major dramatic productions, and other special programs.

STUDENT COUNCIL.

The Student Council is the executive board of the Student Government Organization. It consists of the five student body officers, all class presidents, one member elected by the interfraternity council, one member elected by the honorary and professional organizations, one member elected by the non-fraternity group, and one faculty representative appointed by the President of Fairmont State College.

STUDENT AND FACULTY SOCIAL CABINET

The Student-Faculty Social Cabinet is composed of representatives of students and faculty under the chairmanship of the Vice President of the Student Council. The campus social program for the school year is arranged through this cabinet.

One of the principal assignments of the Student Council is to meet at the beginning of each semester to determine the allocation of the student activity funds among the various campus activities and organizations. The budgets prepared are then published so that all students may know for what purposes their fees are being used.

INTER-FRATERNITY COUNCIL

The Inter-Fraternity Council coordinates the activities of the Men's and Women's Panhellenic Associations.

CLASS ORGANIZATIONS

Organizations are set up for each of the several academic class groups. Each class elects its own officers and carries on such activities as the group concerned desires.

CLUBS AND HONORARY ORGANIZATIONS

Fairmont State College students have organized a number of clubs and honorary organizations for the promotion of interest in various subject matter fields, for the recognition of outstanding achievement in various campus activities, and for general social purposes. A list of the currently active organizations of this character follows:

Clubs

Debate Club
Fu-Se-Fa (Secretarial)
Future Teachers of America
Home Economics Club
Industrial Arts Club
Masquers Club (Dramatics)
Newman Club
Social Science Club
Splashers Club
Wesley Foundation
Women's Recreation Association

Honorary Organizations

Alpha Phi Gamma (Journalism)
Alpha Psi Omega (Dramatics)
Blazers (Senior Women's Honorary)
Epsilon Pi Tau (Industrial Arts)
Zeta Beta Phi (Biology)
Kappa Gamma (Oratory)
Kappa Delta Pi (Education)
Kappa Pi (Art)
Lambda Alpha Sigma (Lettermen)
Lambda Delta Lambda (Physical Science)
Pi Gamma Mu (Social Science)
Pi Kappa Phi (Language)
Pyramid Club (Men's Honorary)

SOCIAL ORGANIZATIONS

Fairmont State College students have organized and maintained a number of social fraternities and sororities. These organizations provide a medium for social activities and social training. They are regulated by the Men's and Women's Panhellenic Associations which strive toward high standards of scholarship and leadership among the group and toward developing a good college spirit. These organizations are listed below:

Fraternities	**Sororities**
Kappa Sigma Kappa (National)	Alpha Delta Chi
Sigma Tau Gamma (National)	Delta Zeta (National)
Tau Beta Iota	Gamma Chi Chi
Zeta Sigma	Pi Kappa Sigma (National)
	Sigma Sigma Sigma (National)

RELIGIOUS INTERESTS

Fairmont State College maintains a close relationship with the religious organizations of the city. Students are assisted in becoming allied with the church of their choice. The various churches in the city have active groups made up primarily of college students.

There are two religious organizations active on the campus. They are the Wesley Foundation and the Newman Club.

PUBLICATIONS

The Columns is the student newspaper published semi-monthly throughout the regular college year with the exception of examination and vacation periods. The Publications Board, representing students and faculty, approves the selection of staff members from a list presented to the Board by the faculty adviser. Consideration is given to those students who have done acceptable work in Journalism or who have had practical experience on publications. The Columns is named for the eight stately columns at the front of the Administration Building. It is financed by student fees and advertising.

The Mound is published annually by the students. The administrative officers of the staff are approved by the Publications Board from a list presented to the Board by the faculty adviser. All phases of college life are depicted in the annual, largely by pictures. It was named from an historic spot on a former campus. It is financed by student fees and advertising.

The Student Handbook is compiled annually under the direction of the Student Council. It contains valuable information about Fairmont College and its varied student activities. It is of real service to new students.

View books and other promotion magazines are published at intervals by the college.

Bulletins, both daily and weekly, are posted on the bulletin boards prominently located in each building. These bulletins carry announcements of all student and faculty activities. Material for these bulletins should be left in Room 212-A. Students and faculty members should consult the bulletin boards daily for important announcements.

MUSIC ORGANIZATIONS

The Fairmont State College Band is a uniformed band of approximately fifty members. This organization is open to both men and women. Tryouts are held at various times throughout the year.

The Women's Chorus is composed of a limited number of women selected, after tryouts, to make up this organization. The Club sings the best part songs for women's voices and presents programs for various occasions throughout the year. This is open to all women who can do part singing.

The Fairmont State College Choir is one of the popular musical organizations on the campus for men and women. The choir appears at assemblies, on the radio, and gives an annual spring concert. Open to all students with or without credit. Membership may be obtained by contacting the Music Director.

ORATORY

A stimulating and vital program in public speaking and oratory is encouraged both on a curricular and extra-curricular basis at Fairmont State College. Students make frequent appearances before churches and clubs, and speak on radio programs. An annual competition is held for the M. M. Neely Prize. (See contests.)

INTERCOLLEGIATE DEBATING—THE DEBATE CLUB

Fairmont State College provides a very active program in debating. The Debate Club gives interested students training and experience in the art of debating and several teams are organized each year to meet the teams of other colleges of the state, and some of the Fairmont teams have made extensive trips to participate in tournaments and speech festivals. All students are encouraged to participate in this activity, and those participating successfully in contests are awarded the key of the national debate fraternity, Kappa Gamma.

DRAMATICS

Fairmont's dramatic department is known throughout the United States; for it was here there was organized in 1925 a national dramatic fraternity—namely, Alpha Psi Omega. Delta Psi Omega, junior college organization, and the Thespians, high school dramatic society, also had their inception at Fairmont State College.

At least two to four major plays are produced each year. Tryouts are open to all students. The Masquers, a dramatic club, is one of the most active groups on the campus, and membership in it is based entirely on dramatic activity of the individual.

Each year a one-act play is sent to the Dramatic Festival of the West Virginia Inter-Collegiate Speech Association held at one of the various colleges of the state.

ASSEMBLIES AND SPECIAL FEATURE PROGRAMS

A limited number of general assemblies is held each semester. The schedule is flexible insofar as the hour is needed for the meetings. The purpose of the assemblies is to provide programs of an educational or entertainment nature and to celebrate special occasions. The general chairman is a faculty member who acts as expediter of the year's program schedule. These programs, which are free to all students and faculty members, are financed by allotments from the student activity fund.

A cooperative plan is in effect whereby interested students may attend the concerts of the Fairmont Community Concert Association.

CONTESTS

The Frank C. Haymond Constitutional Prize Contest.

In order to encourage a greater interest in and appreciation of the U. S. Constitution, Judge Frank C. Haymond, '06, has established an annual prize of $25. This prize is awarded to any regularly enrolled student who submits the best paper relative to the general theme of "The Constitution." Papers are required to be from two thousand to thirty-five hundred words in length and are due on or before April 15 in each school year. Apply to the chairman of the Political Science Department.

The M. M. Neely Oration Contest.

Each year the Honorable M. M. Neely offers an award of fifty dollars for excellence in oratory. This contest is open to all regularly enrolled students of the College. A faculty committee is in charge of this contest. Apply to the chairman of the Speech and Dramatics Department.

COLLEGE RADIO PROGRAM

"Campus Highlights," a weekly radio program, is produced by the radio department of Fairmont State College and has been a regular feature of Station WMMN since 1929. These programs are, for the most part, student productions. All types of radio programs are presented during the regular school year. They provide a means of practical application of techniques studied in the several radio courses offered. Any student at Fairmont State College may audition for radio work. A modern professional quality studio is located on the ground floor of the Administration Building.

INTRAMURAL SPORTS

A regular program of intramural sports is sponsored for the benefit of all students. Teams, contests, and various activities are organized for competitive play among the various groups and organizations. The pool is open for intramural and recreational swimming at certain times. Such facilities as the conditioning room are open for individual and group participation. This is under the supervision of staff members who direct the overall program. Individual participation with selected equipment is in the offering for those interested and concerned with their own development, and not the team element type.

The intramural program includes the following activities: speedball, touch football, tennis, volleyball, basketball, relays, softball, horseshoes, outdoor track, badminton, swimming, archery, and foul throwing.

The college curriculum realizes it must be designed to meet the educational needs of the integrated personality of the individual student; this type of intramurals affords such an opportunity.

As the demand for more activities develops, the facilities will be increased and the program broadened.

INTERCOLLEGIATE SPORTS

Fairmont State College sponsors an intercollegiate athletic program in football, basketball, baseball, golf, tennis and track. There are unusually fine indoor and outdoor facilities and equipment for physical education and recreation. Every young man in college is free to participate in any one or more of the intercollegiate sports and in all recreational activities. The men making up the different teams are not a pre-selected group.

ATHLETIC POLICY

The program of intercollegiate sports at Fairmont State College is supervised by a director of athletics who also serves as chairman of the Men's Physical Education Department. He is assisted in the planning of the program by an athletic committee of the general faculty, and he is assisted in the coaching by two full-time members of the physical education and recreation departments and by part-time coaches of tennis and golf drawn from other qualified members of the staff.

The general objectives of the intercollegiate sports program at Fairmont State College are to teach young men the values of sportsmanship, good physical conditioning, and the disciplinary and social values of organized team play. Specific values include the training afforded prospective coaches and physical education instructors through participation, and the possibilities of acquiring, to some extent, experiences and skills which may furnish recreational outlets following graduation.

In pursuance of the policies recommended by the North Central Association, the following minimum standards governing intercollegiate athletics are maintained.

1. The ultimate responsibility for the conduct of the athletic programs rests with the President.

2. The members of the coaching staff are regular members of the faculty and have the same professional status, qualifications, salaries, and tenure as other faculty members.

3. Students participating in athletics are admitted by the Director of Admissions on the same basis as other students. Athletes are required to maintain the same academic standards as non-athletes.

4. The award of scholarships, student loans, and student employment to an athlete is made through the same agency of the College and on the same basis, as grants of aid to all other students. All employed students are required to give full and honest work for pay received.

5. All athletic funds are handled by the Business Manager of the College. An audit of the receipts and disbursements of these funds is made annually by the auditors of the West Virginia Tax Commissioner for the benefit of the West Virginia Board of Education and other interested parties.

6. The College does not bring prospective athletes to the campus for tryouts, nor does it pay the expenses involved in college visitations by such persons.

7. An effort is made to compete only with colleges having similar educational and athletic policies.

8. Fairmont State College is a member of the West Virginia Intercollegiate Athletic Conference and athletic participation is regulated and controlled by the eligibility rules of the Conference. Copies of these rules are on file in the Office of the Director of Athletics.

AWARDS

At Recognition Day exercises, held near the close of each college year, awards are granted to students for outstanding achievements in various campus activities. Among these awards are the following:

The American Legion Medals for outstanding scholarship, leadership, service, courage, and honor; athletic letters to those who have met the requirements established by the Athletic Committee; jackets to senior lettermen; block letters to those members of the band who have had five semesters with at least a 3.0 average; a cash award by Zeta Beta Phi, biology honorary society, to the outstanding freshman in biology; a cash award by the Fairmont Woman's Club to the freshman submitting the best written assignment of the year; the Edna Earl Lowe Memorial cash award of the American Association of University Women to the most worthy senior girl; the Louise Leonard Memorial cash award to the senior achieving the best record in elementary education; a key by Pi Gamma Mu to the senior among the Social Science majors who has the highest academic average; keys to the Four Outstanding Seniors selected by the faculty and a student committee for their superior academic achievement and campus leadership; certificates to those seniors elected to Who's Who in American Universities and Colleges; plaques to the senior students attaining distinction in college dramatic activities.

At this same time special recognition is given those freshmen who achieved a quality point average of 3.5, or better, during the first semester of their beginning year. The Blazers, senior women's honor society, also, announce at this time the names of the women of the junior class elected to the organization; and the Pyramid Club, men's honorary, names its new members.

ALUMNI

The Alumni Association of Fairmont State College is the official organization of all graduates and former students of the "old" Fairmont State Normal School, Fairmont State Teachers College, and Fairmont State College.

The history of the Alumni Association goes back almost to the founding of the college. A meeting was held on Commencement Day, June 27, 1873, at which time the twenty-nine graduates formed the Association.

Events of special interest to Alumni members include the Annual Dad's Day celebration held usually in the fall semester. A Homecoming celebration is held early in the spring. An Alumni Luncheon and a reception for the graduates, the alumni, and friends of the college are events of Commencement Week. A Fairmont State College open house is held in connection with the annual meeting of the West Virginia Education Association.

Information concerning the Alumni Association may be had by writing to the Alumni Secretary, Fairmont State College, Fairmont, West Virginia.

SPECIAL SERVICES

THE SUMMER SESSION

Fairmont State College offers a twelve-week summer session each summer. This session is made up of two terms of six weeks each.

The requirements for admission and the character of the work offered are the same for the summer session as for the regular year. Credit may be earned in all departments toward the bachelor's degree or toward any of the special certificates authorized by the State of West Virginia. Courses are varied from summer to summer so that students may find suitable work with which they can build up their earned credit toward a degree or certification. For information relative to summer session fees see page —.

All activities and facilities of the campus are available to students during the summer session. The student body is organized under its own leadership at the beginning of each session. Under these leaders, and certain members of the faculty, a general program of social, recreational, and dramatic events is scheduled.

Fairmont State College always sponsors a number of special features in connection with each summer session. Announcements of such features will be made from time to time by means of press releases, radio announcements and special information sheets.

Special bulletins for the summer session are prepared for distribution. If interested in working toward any particular teaching certificate or degree, or in renewal of certificates, or in pre-professional courses, or in refresher courses, write for the Summer Bulletin. Address, Registrar, Fairmont State College, Fairmont, W. Va.

EVENING CLASSES

Evening classes are operated for the benefit of teachers and other persons whose employment makes impossible attendance in regular day classes. Classes are ordinarily held on Wednesday evening during the hours from 6:00 to 10:00 although classes may be held at such other times as the group involved and the instructor may agree upon. These classes are considered as work done in residence.

In accordance with regulations of the State Board of Education, teachers under contract are limited to a total of nine semester hours of credit during the period of employment each year with a maximum of five credit hours per semester.

EXTENSION CLASSES

Upon request, and when it is possible to provide suitable staff, Fairmont State College will offer off-campus courses to interested groups in the general area of the state it serves. Ordinarily, an enrollment of ten or more persons is necessary before any extension courses may be offered. The enrollment fee is $7.50 per semester hour.

Extension courses may be taken either for credit or without credit, excepting those courses listed definitely as non-credit courses. Students enrolling in extension courses for credit must satisfy all the requirements for admission to Fairmont State College. The work given for credit in extension courses corresponds, as to class requirements, with that given in similar courses on the campus. The credit, however is recorded as extension credit, and not more than 28 hours of such credit may be included in any student's 128 hour requirement for graduation.

Individuals or groups desiring information about extension courses should contact the Director of Extension.

TUTORIAL COURSES

Tutorial courses are courses coming under the "to be arranged" heading, that is, the work of the course is carried on through a series of student-instructor conferences. Regulations adopted by the Faculty of Fairmont State College governing the administration of tutorial courses provided. (1) that not more than 6 hours of the 128 hours required for graduation may be earned in courses of this character; (2) that not more than two semester hours of such credit may be earned in any one semester or term; (3) that the only students eligible to take such courses are those with 64 or more hours of earned credit and a scholastic standing of 2.5, or better. The enforcement of these regulations is in the hands of the several student advisers.

VETERANS SERVICES

Fairmont State College stands ready to assist veterans in every possible way. This assistance includes:

1. The maintenance of the Office of Veteran's Coordinator for centralizing all matters pertaining to veteran's relations with the Veterans Administration on the one hand and college authorities on the other.

2. Admission, under certain conditions, as special students, of the veterans who have not completed high school.

3. Allowance of a maximum of 8 semester hours of credit in physical education to those veterans presenting evidence of the completion of the basic training courses in the Armed Forces.

4. Acceptance of correspondence work done with fully accredited institutions of higher education cooperating with the Armed Forces Institute for the amount of credit allowed by the institution with which the credit was earned.

5. Cooperation with the regular policy of the American Council on Education in determining and allowing credit for training received in offices or special technical schools, or in the Army Specialization and the Navy College Training Programs.

NURSING EDUCATION

Fairmont General Hospital School of Nursing maintain an affiliation with Fairmont State College. The preclinical period of the Nursing Education program is completed at this college. The subjects included are anatomy and physiology, chemistry, microbiology, nutrition, psychology and sociology, a total of 17 semester hours.

This arrangement provides a nursing education which is approved by the American College of Surgeons, American Medical Association, and the West Virginia State Board of Examiners for Registered Nurses.

Graduates of a nurses' training school have the following fields open to them: Army and Navy nursing; civilian hospital nursing as staff nurses, supervisors, instructors, superintendents, and administrators; veteran nursing, industrial nursing; public health nursing; health relief and rehabilitation at home and abroad; child health and guidance; occupational therapy; anesthesia; clinical laboratory; X-Ray laboratory.

DIVISIONAL ORGANIZATION

In order to provide greater efficiency in administration, the several departments of the college have been organized to form five divisions. Each division has for its administrative head a coordinator elected by the members of the division for a one-year period. The grouping of the departments into divisions is as follows:

1. **Social Studies**—Economics, Geography, History, Political Science, Psychology, Social Science, Sociology.

2. **Natural Science and Mathematics**—Biology, Chemistry, Geology, Mathematics, Physical Science, Physics.

3. **The Humanities**—Art, English, Journalism, Languages, Music, Philosophy, Religion, Speech.

4. **Applied Studies**—Business, Home Economics, Industrial Arts, Office Administration, Physical Education.

5. ***Teacher Education**—Education Department, Divisional Representatives.

*The Division of Teacher Education includes the members of the Department of Education and five representatives elected from the other four divisions. Each division has at least one representative in the Division of Teacher Education.

FACULTY FOR 1956-57

PHYLLIS L. AYERS, B.S., M.A., *Instructor in History* (1956).

ANNE BARRY, A.B., M.S., *Assistant Professor of Physical Education* (1946).

ROBERT SHAFFER COLE, B.S., M.A., *Assistant Professor of Business Education* (1956).

EDMUND E. COLLINS, A.B., M.A., Ed.D., *Associate Professor of Education* (1949).

MARGARET E. COPELAND, A.B., M.Ed., *Dean of Women* (1952).

WILLIAM D. CREASY, B.S., M.S., Ph.D., *Associate Professor of Biology* (1953).

PAUL C. DAVIS, A.B., M.A., *Chairman Recreation Department, Associate Professor of Physical Education and Recreation* (1949).

A. PAUL DAVISSON, B.S., A.B., M.S., *Chairman Biology Department, Associate Professor of Biology* (1947).

FAIRY DOWNS, M.A., A.B., *Instructor in Psychology* (1956).

BILLY G. DUNN, B.S., M.S., *Assistant Professor of Business Administration* (1956).

HAROLD S. DUVALL, A.B., M.A., *Assistant Professor of Physical Education* (1952).

RICHARD G. ELLIOTT, B.S., Ed., M.S.L.S., *Librarian* (1956).

ELEANOR M. FORD, B.S., M.S., *Chairman Physics Department, Associate Professor of Physics* (1946).

DWIGHT FOWLER, B.S., M.Ed., *Assistant Professor of Industrial Arts* (1956).

ROBERT L. GALVIN, A.B., M.A., *Instructor in Political Science* (1955).

WAYNE TWINEM GRAY, B.S., M.A., Ph.D., *Chairman Sociology Department, Professor of Sociology* (1951).

GERTRUDE HALL, A.B., M.A., *Chairman Home Economics Department, Associate Professor of Home Economics* (1950).

CLEO D. HAUGHT, A.B., M.S., *Chairman Physical Science Department, Associate Professor of Physical Science* (1925).

MELVA C. HESS, A.B., M.S., *Assistant Professor of Home Economics* (1951).

GEORGE B. HOUGH, B.S., C.P.A., *Lecturer in Accounting* (1956).

CLIFFORD R. HOUSE, JR., A.B., M.Ed., *Associate Professor of Journalism* (1947).

BOYD DAVIS HOWARD, A.B., Ed.D., *Chairman Education Department, Professor of Education* (1948).

GEORGE R. HUNT, Ph.B., M.A., Ph.D., *Dean of the College* (1931).

EDGAR N. JAYNES, A.B., M.B.A., *Chairman Business Administration and Business Education Department, Associate Professor of Business Administration* (1947).

CYRIL W. JOHNSON, B.S., M.A., *Chairman Industrial Arts Department, Associate Professor of Industrial Arts* (1947).

REGIS J. LARKIN, B.S., M.Ed., *Lecturer in Business* (1947).

JAMES A. LARUE, A.B., M.S., *Assistant Professor of Mathematics* (1954).

LOY W. LEONARD, A.B., M.A., *Assistant Professor of Industrial Arts* (1956).

JO ANN LOUGH, A.B., M.A., *Instructor in Speech* (1955).

BENJAMIN LUCAS, B.A., M.A., *Instructor in Sociology* (1956).

CLORA MARPLE, A.B., M.A., *Assistant Professor of Education* (1955).

WAYNE S. MARTIN, B.S., M.S., Ed.D., *Director of Student Affairs and Placement* (1950).

PEARL S. MCCARTY, A.B., A.M., Ed.D., *Associate Professor of English* (1952).

JAMES H. MCTEAGUE, B.F.A., M.F.A., *Instructor in Speech* (1955).

OTIS H. MILAM, JR., B.S., E.D., M.A., *Registrar and Director of Admissions* (1953).

RICHARD A. MONTAGUE, B.M., M.M., *Assistant Professor of Music* (1952).

GEORGE ELLIS MOORE, A.B., M.A., Ph.D., *Chairman History Department, Associate Professor of History* (1952).

RUTH ANN MUSICK, B.S., M.S., Ph.D., *Associate Professor of Mathematics* (1946).

PAUL F. OPP, A.B., A.M., Pd.D., *Associate Professor of English* (1923).

VIRGINIA HOLDEN PALMER, B.M., *Instructor in Music* (1956).

JOHN W. PENCE, A.B., A.M., LL.D., *President* (1926).

GINA S. PINTO, B.S., M.A., *Assistant Professor of Business Education* (1956).

WOODROW A. POTESTA, B.S., L.L.B., *Assistant Professor of Business* (1948).

MARY B. PRICE, Music Supervisor's Diploma, *Assistant Professor of Music* (1925).

DOROTHY E. QUINTRELL, B.S., M.S., *Instructor in Biology* (1955).

HADDON S. RHODES, A.B., M.A., *Associate Professor of English* (1931).

LILLIAN L. RHODES, B.S., M.A., *Chairman Art Department, Associate Professor of Art* (1951).

Charles L. Righter, A.B., M.A., Ed.D., *Assistant Professor of Education* (1955).
Fridtjof Charles Schroder, A.B., A.M., Minneapolis School of Art Certificate, *Associate Professor of Art* (1947).
James M. Sellers, *Business Manager* (1956).
G. Wayne Smith, A.B., A.M., Ph.D., *Assistant Professor of History* (1954).
Elizabeth Davis Swiger, B.S., M.S., *Instructor in Mathematics* (1956).
Marjorie Tate, B.S., M.A., *Associate Professor of English* (1926).
John Martin Taylor, A.B., A.M., Ed.D., *Associate Professor of Education* (1946).
F. Elizabeth Terry, A.B., A.M., *Chairman Foreign Languages Department, Associate Professor of Foreign Languages* (1941).
George H. Turley, A.B., M.A., *Associate Professor of Speech, Dean of Men* (1941).
William P. Turner, Jr., A.B., M. A., *Instructor in History* (1955).
Lawrence A. Wallman, A.B., M.A., *Chairman Speech and Dramatics Department, Associate Professor of Speech and Dramatics* (1929).
Nelle E. Walters, A.B., M.A., *Chairman Physical Education Department, Associate Professor of Physical Education* (1947).
Raleigh P. Ward, A.B., M.S., Ph.D., *Chairman Chemistry Department, Professor of Chemistry* (1932).
Kenneth G. Weihe, B.S., M.A., Ph.D., *Chairman English Department, Professor of English* (1950).
Frederick T. Wessel, B.M., M.M., Ph.D., *Chairman Music Department, Associate Professor of Music* (1956).
Margaret S. Willard, A.B., A.M., *Assistant Professor of Education* (1949).
W. R. Wilson, A.B., M.A., *Associate Professor of Physical Education, Director of Athletics* (1939).
Kenneth G. Wise, B.S., M.A., *Associate Professor of Industrial Arts* (1948).

RETIRED MEMBERS OF FACULTY

Jasper H. Colebank, B.A., *Physical Education.*
Eva Day Compton, M.A., *Home Economics.*
Virginia Gaskill, M.A., *Home Economics.*
Mary Blanche Gibson, M.A., *Education.*
Frank Hall, M.A., *Education.*
Maud M. Hull, M.A., *Education.*
Ethel Ice, M.A., *German.*
Laura F. Lewis, M.A., *English.*
E. L. Lively, M.A., *Sociology.*
M. E. McCarty, M.A., *Mathematics.*
Mahala Dorcas Prichard, M.A,. *History.*
Jean E. Richmond, M.A., *Home Economics.*
Harold F. Rogers, M.A., *Chemistry.*
Francis Shreve, Ph.D., *Education.*
Oliver Shurtleff, M.A., *English.*
Herman Arthur Shutts, M.A., *Mathematics.*
Frank S. White, Ph.D., *Education.*

ADMINISTRATIVE ASSISTANTS

Katharyn E. Smith, B.A., *Assistant Registrar.*
Ruth L. Hawkins, B.A., *Cashier.*
Patricia L. Tennant, B.S., *Director of the Film Service.*
Nell Prichard Carson, B.A., *Assistant to the Registrar.*
Anna Herndon, *Head Resident at Morrow Hall.*
Doris N. Davis, B.A., *Director of Food Service.*
Georgia Peters, R.N., *College Nurse.*
Maxine Pruitte, B.A., *Manager of the Book Store.*
Mary Ellen Radebaugh, B.S., *Office of Student Affairs.*

JAYENNE LABORATORY SCHOOL

Floyd O. Prunty, M.A., *Principal.*
Geraldine Wildman, M.A., *First Grade.*
Ruth E. Oney, M.A., *Second Grade.*
Olene S. Crouser, B.A., *Third Grade.*
Ruth Wilderman, B.A., *Fourth Grade.*
Helen Janes Crowe, B.A., *Fifth Grade.*
Jane Meyer, B.A., *Sixth Grade.*

WHITE LABORATORY SCHOOL

Byron Miller, M.A., *Principal.*
Eleanor Michael, *First Grade.*
Pearle C. Bennett, B.A., *First Grade.*
Katharine Jones, M.A., *Second Grades.*
Helen M. Wise, B.A., *Second-Third Grade.*
Hazel Nuzum, *B.A., Third Grade.*
Ethel Nixon, M.A., *Fourth Grade.*
Roselyn W. Straight, *Fifth Grade.*
Gladys Nunnally, B.A., *Fifth-Sixth Grade.*
Gene Carpenter, BA., *Sixth Grade.*

FACULTY COMMITTEES

Admissions and Credits
Athletics
Buildings
Commencement
Courtesy
Curriculum Development
Faculty Freshmen Advisers
Faculty Welfare
Grounds
Institutional Studies
Library
Planning
Program
Publicity and Publications
Scholarship and Loan
Special Educational Services
Student Activities
Student Health and Recreation
Test Selection
Travel

FACULTY ADVISERS

ART:	
Upperclassmen	Miss Rhodes
Freshmen	Mr. Schroder
BIOLOGICAL SCIENCES:	
Upperclassmen	Mr. Davisson
Freshmen	Mr. Creasy
BUSINESS AND ECONOMICS:	
Upperclassmen	Mr. Jaynes
Freshmen	Mr. Cole, Mr. Dunn
CHEMISTRY	Mr. Haught
EDUCATION, ELEMENTARY:	
Upperclassmen	Mr. Howard
Freshmen	Miss Marple
ENGLISH:	
Upperclasmen	Mr. Weihe
Freshmen	Mrs. McCarty
Journalism	Mr. House
FRENCH	Miss Terry

HISTORY		Mr. Moore
HOME ECONOMICS:		
	Upperclassmen	Miss Hall
	Freshmen	Mrs. Hess
INDUSTRIAL ARTS:		
	Upperclassmen	Mr. Johnson
	Freshmen	Mr. Wise
LIBRARY SCIENCE		Mr. Elliott
MATHEMATICS:		
	Upperclassmen	Mr. LaRue
	Freshmen	Miss Musick
MUSIC:		
	Upperclassmen	Mr. Wessel
	Freshmen	Mr. Montague, Miss Price
NURSING EDUCATION		Mr. Hunt
PHILOSOPHY AND PSYCHOLOGY		Mr. George Ward
PHYSICAL EDUCATION:		
(Men):	Upperclassmen	Mr. Wilson
	Freshmen	Mr. Duvall
(Women):	Upperclassmen	Miss Walters
	Freshmen	Miss Barry
PHYSICAL SCIENCE (Teaching Fields):		Mr. Haught
PHYSICS		Mrs. Ford
POLITICAL SCIENCE		Mr. Lawrence
PRE-PROFESSIONAL:		
	Dentistry	Mr. Haught
	Engineering	Mr. LaRue
	Law	Mr. Lawrence
	Medicine	Mr. Davisson
	Nursing Education	Mr. Davisson
	Pharmacy	Mr. Haught
SECRETARIAL STUDIES		Mrs. Pinto
SOCIOLOGY AND SOCIAL STUDIES:		
	Upperclassmen	Mr. Gray
	Freshmen	Mr. Elliott
SPANISH		Miss Terry
SPEECH AND DRAMATICS:		
	Upperclassmen	Mr. Wallman
	Freshmen	Mr. McTeague
SPECIAL STUDENTS		Mr. Martin
TERMINAL (Two-Year) CURRICULA:		
	Accountancy	Mr. Jaynes
	Clerical	Mrs. Pinto
	General Education	Mrs. McCarty
UNDECIDED		Mr. Rhodes, Mr. Smith, Miss Tate, Mr. Taylor

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FAIRMONT STATE COLLEGE

Fairmont, West Virginia

APPLICATION FOR ADMISSION

Applicants for admission to Fairmont State College are requested to fill in this application and return it to the Director of Admissions at least fifteen days prior to the opening of the semester for which they wish to enroll.

A transcript of high school credits, for incoming freshmen, and a transcript of college work, for upperclassmen, should be sent to the Director of Admissions by the institution in which the credit was earned.

Name of Applicant .... Race ....
Last First Middle

Home Address ....
Street City State

Date of high school graduation .... Units of credit ....

Name and address of Parent ....

High School Attended .... Location ....

Name of college attended, if any ....

Dates of college attendance .... Semester Hours of credit ....

Why did you withdraw from that college? ....

....

When do you wish to enroll in Fairmont State College? ....

Are you registering under the G. I. Bill of Rights? ....

In what department or for what courses do you wish to enroll? ....

....